VERNON
ROYAL
LINE

No. 15-10 Date 11/59

Spermatogenic Condition 9 1

| | Interstitial Cell nuclear diam. (3) | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 2 4.2 | 84 - 85.8 | |
| 2 | 3 6.3 | 31 102.3 | |
| 3 | 3 6.3 | 31 102.3 | |
| 4 | 3 6.3 | 34 112.2 | |
| 5 | | 46 151.8 | |
| 6 | | 35 115,5 | |
| 7 | | 38 125.4 | |
| 8 | | 34 112.2 | |
| 9 | | 34 112.2 | |
| 10 | | 22 72.6 | |
| T | 23.1 | 1092.3 | |
| $\bar{x}$ | 5.8 | 109.2 | |

Sertoli Cells: seen

Remarks: hundreds of interstitial cells!

E = 19.8 μ (1)

No. 15-14 Date 11/6-9

Spermatogenic Condition ②

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 22 - 72.6 | |
| 2 | | 24 79.2 | |
| 3 | | 24 79.2 | |
| 4 | | 23 75.9 | |
| 5 | | 25 82.5 | |
| 6 | | 19 62.7 | |
| 7 | | 22 72.6 | |
| 8 | | 21 69.3 | |
| 9 | | 28 92.4 | |
| 10 | | 19 62.7 | |
| T | | 749.1 | |
| $\bar{x}$ | | 74.9 | |

Sertoli Cells: seen

Remarks:

No. 15-15 Date 10c/59

Spermatogenic Condition 3

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 40 - | 132.0 | 10 - | 33.0 |
| 2 | 3 | 6.3 | 35 | 115.5 | 14 | 46.2 |
| 3 | 3 | 6.3 | 35 | 115.5 | 9 | 29.7 |
| 4 | | | 28 | 92.4 | 8 | 26.4 |
| 5 | | | 30 | 99.0 | 8 | 26.4 |
| 6 | | | 35 | 115.5 | 8 | 26.4 |
| 7 | | | 29 | 95.7 | 10 | 33.0 |
| 8 | | | 28 | 92.4 | 8 | 26.4 |
| 9 | | | 40 | 132.0 | 14 | 46.2 |
| 10 | | | 25 | 82.5 | 9 | 29.7 |
| T | | | 1072.5 | | 323.4 | |
| $\bar{x}$ | 6.3 | | 107.2 | | 32.3 | |

Sertoli Cells: seen

Remarks:

No. _____ Date _____

Spermatogenic Condition: _____

| | Interstitial Cell nucleus diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: _____

No. 15-18 Date 14/59

Spermatogenic Condition (2) 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 10 - 52.8 | |
| 2 | | 14 46.2 | |
| 3 | | 13 42.9 | |
| 4 | | 13 42.9 | |
| 5 | | 11 36.3 | |
| 6 | | 28 92.4 | |
| 7 | | 12 39.6 | |
| 8 | | 11 36.3 | |
| 9 | | 13 42.9 | |
| 10 | | 11 36.3 | |
| T | | 468.4 | |
| $\bar{x}$ | | 46.9 | |

Sertoli Cells: Seen

Remarks:

No. _____ Date _____

Spermatogenetic Condition _____

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: _____

No. 15-19 Date 10/59

Spermatogenic Condition O w/o lumen

| | Interstitial Cell nuclear diam. (1) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 26 | 85.8 | |
| 2 | 2 | 4.2 | 18 | 59.4 | |
| 3 | 3 | 6.3 | 21 | 69.3 | |
| 4 | 3 | 6.3 | 22 | 72.6 | |
| 5 | | | 19 | 62.7 | |
| 6 | | | 20 | 66.0 | |
| 7 | | | 25 | 82.5 | |
| 8 | | | 22 | 72.6 | |
| 9 | | | 21 | 69.3 | |
| 10 | | | 24 | 55.8 | |
| T | | 23.1 | | 726.0 | |
| $\bar{x}$ | | 5.8 | | 72.6 | |

Sertoli Cells: Absent

Remarks:

No. 15 - 20 Date 10/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 48 | 158.4 | 11 - 36.3 |
| 2 | 3 | 6.3 | 55 | 181.5 | 15 49.5 |
| 3 | 3 | 6.3 | 39 | 128.7 | 10 33.0 |
| 4 | 3 | 6.3 | 45 | 148.5 | 9 29.7 |
| 5 | | | 50 | 165.0 | 16 52.8 |
| 6 | | | 41 | 135.3 | 7 23.1 |
| 7 | | | 51 | 168.3 | 17 56.1 |
| 8 | | | 48 | 158.4 | 13 42.9 |
| 9 | | | 55 | 181.5 | 8 26.4 |
| 10 | | | 52 | 165.0 | 10 33.0 |
| T | | | | 1590.6 | 382.8 |
| $\bar{x}$ | | 6.3 | | 159.1 | 38.3 |

Sertoli Cells: seen

Remarks: used slide showing interstitial cells

No. 15-21 Date 10/59

Spermatogenic Condition 6

| | (3) Interstitial Cell nuclear diam. | | (2) Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 37 | 122.1 | 13 | 42.9 |
| 2 | 3 | 6.3 | 41 | 135.3 | 8 | 26.4 |
| 3 | 3 | 6.3 | 53 | 174.9 | 10 | 33.0 |
| 4 | 3 | 6.3 | 36 | 118.8 | 12 | 39.6 |
| 5 | | | 45 | 148.5 | 13 | 42.9 |
| 6 | | | 50 | 165.0 | 15 | 49.5 |
| 7 | | | 46 | 151.8 | 12 | 39.6 |
| 8 | | | 48 | 158.4 | 10 | 33.0 |
| 9 | | | | | | |
| 10 | | | 44 | 145.2 | 10 | 33.0 |
| T | | | | 1320.0 | | 339.3 |
| $\bar{x}$ | | 6.3 | | 146.6 | | 37.7 |

Sertoli Cells: Seen

Remarks:

No. 15-22 Date 10/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 29 | 95.7 | |
| 2 | 3 | 6.3 | 20 | 66.0 | |
| 3 | 3 | 6.3 | 18 | 59.4 | |
| 4 | 3 | 6.3 | 26 | 85.8 | |
| 5 | | | 25 | 82.5 | |
| 6 | | | 20 | 66.0 | |
| 7 | | | 21 | 69.3 | |
| 8 | | | 21 | 69.3 | |
| 9 | | | 17 | 56.1 | |
| 10 | | | 22 | 72.6 | |
| T | | 23.1 | | 722.7 | |
| $\bar{x}$ | | 5.8 | | 72.3 | |

Sertoli Cells: Poor

Remarks:

No. 15-23 Date 10/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 45 | 148.5 | 10 | 33.0 |
| 2 | 3 | 6.3 | 44 | 145.2 | 14 | 46.2 |
| 3 | | | 59 | 194.7 | 15 | 49.5 |
| 4 | | | 50 | 165.0 | 10 | 33.0 |
| 5 | | | 59 | 194.7 | 15 | 49.5 |
| 6 | | | 47 | 155.1 | 10 | 33.0 |
| 7 | | | 62 | 204.6 | 16 | 52.8 |
| 8 | | | 43 | 141.9 | 12 | 39.6 |
| 9 | | | 47 | 155.1 | 13 | 42.9 |
| 10 | | | 44 | 145.2 | 11 | 36.3 |
| T | | | | 1650.0 | | 415.8 |
| $\bar{x}$ | | 6.3 | | 165.0 | | 41.4 |

Sertoli Cells: seen

Remarks:

No. 15-24 Date 10/59

Spermatogenic Condition 6

| | (3) Interstitial Cell nuclear diam. | | (2) Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 50 | 165.0 | 17 | 56.1 |
| 2 | 3 | 6.3 | 49 | 161.7 | 11 | 36.3 |
| 3 | 3 | 6.3 | 51 | 168.3 | 11 | 36.3 |
| 4 | 3 | 6.3 | 48 | 158.4 | 11 | 36.3 |
| 5 | | | 59 | 194.7 | 13 | 42.9 |
| 6 | | | 54 | 178.2 | 10 | 33.0 |
| 7 | | | 51 | 168.3 | 13 | 42.9 |
| 8 | | | 54 | 178.2 | 19 | 62.7 |
| 9 | | | 54 | 178.2 | 17 | 56.1 |
| 10 | | | 45 | 148.5 | 15 | 49.5 |
| T | | | | 1699.5 | | 452.1 |
| $\bar{x}$ | | 6.3 | | 170.0 | | 45.2 |

Sertoli Cells: seen

Remarks:

No. 15-25 Date 10/c 59

Spermatogenic Condition (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 16. – 52.8 | |
| 2 | | 17 56.1 | |
| 3 | | 15 49.5 | |
| 4 | | 16 52.8 | |
| 5 | | 16 52.8 | |
| 6 | | 15 49.5 | |
| 7 | | 15 49.5 | |
| 8 | | 15 49.5 | |
| 9 | | 18 59.4 | |
| 10 | | 17 56.1 | |
| T | | 528.0 | |
| $\bar{x}$ | | 52.8 | |

Sertoli Cells: Rare

Remarks:

No. 15-28 Date 10/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 42 | 138.6 | 17 | 56.1 |
| 2 | 2 | 4.2 | 44 | 145.2 | 9 | 29.7 |
| 3 | 2 | 4.2 | 44 | 145.2 | 9 | 29.7 |
| 4 | 3 | 6.3 | 49 | 161.7 | 7 | 23.1 |
| 5 | | | 45 | 148.5 | 17 | 56.1 |
| 6 | | | 56 | 184.8 | 19 | 62.7 |
| 7 | | | 50 | 165.0 | 7 | 23.1 |
| 8 | | | 44 | 145.2 | 10 | 33.0 |
| 9 | | | 40 | 132.0 | 11 | 36.3 |
| 10 | | | 43 | 141.9 | 18 | 59.4 |
| T | | 18.9 | | 1508.1 | | 409.2 |
| $\bar{x}$ | | 4.7 | | 150.8 | | 40.9 |

Sertoli Cells: seen

Remarks: stain faint

No. 15-31 Date 4/59

Spermatogenic Condition of testis: 10

| | Interstitial Cell nuclear diam. (5) | | Seminiferous tubule diam. (5) | | Seminiferous epith. height (10) |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 210 | 231.0 | 10 — 33.0 |
| 2 | 3 | 6.3 | 58 | 191.4 | 12 39.6 |
| 3 | 3 | 6.3 | 65 | 214.5 | 16 52.8 |
| 4 | 3 | 6.3 | 60 | 198.0 | 14 46.2 |
| 5 | | | 62 | 204.6 | 12 39.6 |
| 6 | | | 68 | 224.4 | 20 66.0 |
| 7 | | | 61 | 201.3 | 14 46.2 |
| 8 | | | 71 | 234.3 | 15 49.5 |
| 9 | | | 96 | 316.5 | 17 56.1 |
| 10 | | | 84 | 277.2 | 20 66.0 |
| T | | | | 2293.5 | 495.0 |
| $\bar{x}$ | | 6.3 | | 229.4 | 49.5 |

Sertoli Cells: seen

Remarks:

No. 15-33 Date 4/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. (3) | Seminiferous tubule diam. (0) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 - 6.3 | 18. - 59.4 | |
| 2 | 3 6.3 | 18 59.4 | |
| 3 | 3 6.3 | 20 66.0 | |
| 4 | 3 6.3 | 20 66.0 | |
| 5 | | 18 59.4 | |
| 6 | | 18 59.4 | |
| 7 | | 16 52.8 | |
| 8 | | 20 66.0 | |
| 9 | | 18 59.4 | |
| 10 | | 20 66.0 | |
| T | | 613.8 | |
| $\bar{x}$ | 6.3 | 61.4 | |

Sertoli Cells: Seen

Remarks:

No. 15-34 Date 11/69

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 19 - 62.7 | |
| 2 | | 15 49.5 | |
| 3 | | 15 49.5 | |
| 4 | | 16 52.8 | |
| 5 | | 16 52.8 | |
| 6 | | 15 49.5 | |
| 7 | | 17 56.1 | |
| 8 | | 19 62.7 | |
| 9 | | 15 49.5 | |
| 10 | | 18 59.4 | |
| T | | 5-44.5 | |
| $\bar{x}$ | | 5-4.4 | |

Sertoli Cells: seen

Remarks:

No. 15-36 Date VI/59

Spermatogenic Condition O

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| | | 25 - 82.5 | |
| 1 | | 16 52.8 | |
| 2 | | 16 52.8 | |
| 3 | | 15 49.5 | |
| 4 | | 15 49.5 | |
| 5 | | 14 46.2 | |
| 6 | | 16 52.8 | |
| 7 | | 15 49.5 | |
| 8 | | 12 39.6 | |
| 9 | | 15 49.5 | |
| 10 | | | |
| T | | 5 - 24.7 | |
| $\bar{x}$ | | 5 2.5 | |

Sertoli Cells: seen

Remarks:

No. 15-37 Date VI/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 59 | 194.7 | 10 | 33.0 |
| 2 | 3 | 6.3 | 56 | 184.8 | 10 | 33.0 |
| 3 | 3 | 6.3 | 69 | 227.7 | 11 | 36.3 |
| 4 | | | 58 | 191.4 | 4 | 13.2 |
| 5 | | | 52 | 171.6 | 9 | 29.7 |
| 6 | | | 82 | 270.6 | 12 | 39.6 |
| 7 | | | 67 | 221.1 | 19 | 62.7 |
| 8 | | | 91 | 135.3 | 13 | 42.9 |
| 9 | | | 48 | 158.4 | 16 | 52.8 |
| 10 | | | 50 | 165.0 | 17 | 56.1 |
| T | | | | 1920.6 | | 399.3 |
| $\bar{x}$ | | 6.3 | | 192.1 | | 39.9 |

Sertoli Cells: seen

Remarks:

No. 15-38 Date VI/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (3) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 62 | 204.6 | 10 | 33.0 |
| 2 | 3 | 6.3 | 73 | 240.9 | 12 | 39.6 |
| 3 | 3 | 6.3 | 64 | 211.2 | 14 | 46.2 |
| 4 | 3 | 6.3 | 75 | 247.5 | 16 | 52.8 |
| 5 | | | 79 | 260.7 | 12 | 39.6 |
| 6 | | | 77 | 254.1 | 22 | 72.6 |
| 7 | | | 72 | 237.6 | 16 | 52.8 |
| 8 | | | 80 | 264.0 | 18 | 59.4 |
| 9 | | | 50 | 165.0 | 12 | 39.6 |
| 10 | | | 68 | 224.4 | 13 | 42.9 |
| T | | | | 2310.0 | | 478.5 |
| $\bar{x}$ | | 6.3 | | 231.0 | | 47.8 |

Sertoli Cells: Seen

Remarks:

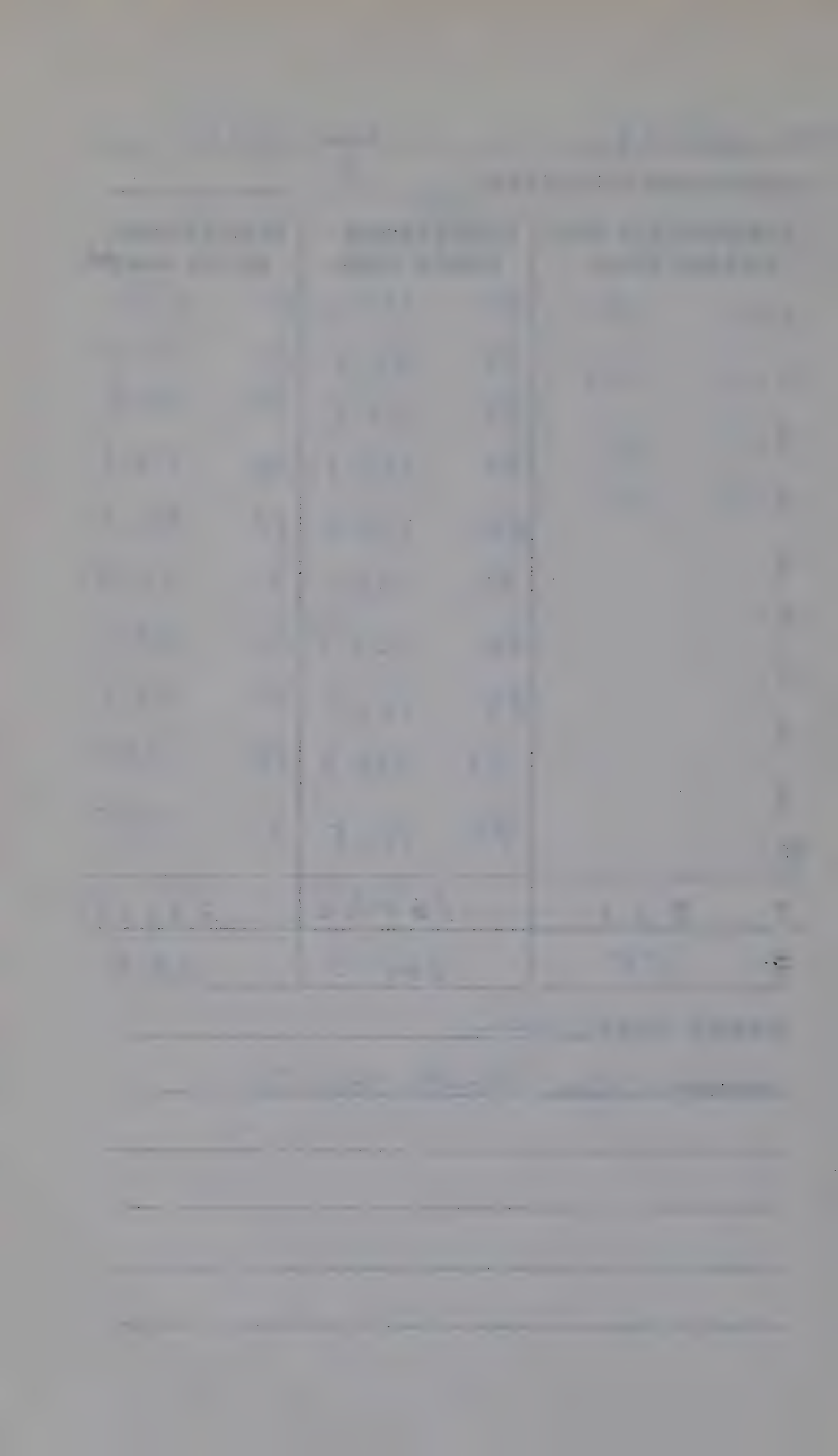
No. 15-39 Date VI/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 47 | 155.1 | 10 | 33.0 |
| 2 | 3 | 6.3 | 51 | 168.3 | 16 | 52.8 |
| 3 | 3 | 6.3 | 48 | 158.4 | 12 | 39.6 |
| 4 | 3 | 6.3 | 47 | 155.1 | 16 | 52.8 |
| 5 | | | 60 | 198.0 | 11 | 36.3 |
| 6 | | | 47 | 155.1 | 8 | 26.4 |
| 7 | | | 46 | 151.8 | 10 | 33.0 |
| 8 | | | 49 | 161.7 | 13 | 42.9 |
| 9 | | | 53 | 174.9 | 10 | 33.0 |
| 10 | | | 46 | 151.8 | 9 | 29.7 |
| T | 23.1 | | 1630.2 | | 379.5 | |
| $\bar{x}$ | 5.8 | | 163.0 | | 38.0 | |

Sertoli Cells: Incr

Remarks: a few tubules are 7's



No. 15-40 Date 01/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 65 - | 214.5 | 16 - | 52.8 |
| 2 | 3 | 6.3 | 81 | 267.3 | 12 | 39.6 |
| 3 | 3 | 6.3 | 57 | 188.1 | 7 | 23.1 |
| 4 | 3 | 6.3 | 49 | 161.7 | 10 | 33.0 |
| 5 | | | 53 | 174.9 | 13 | 42.9 |
| 6 | | | 60 | 198.0 | 11 | 36.3 |
| 7 | | | 40 | 132.0 | 8 | 26.4 |
| 8 | | | 66 | 217.8 | 10 | 33.0 |
| 9 | | | 49 | 161.7 | 15 | 49.5 |
| 10 | | | 55 | 181.5 | 13 | 42.9 |
| T | | | | 1897.5 | | 379.5 |
| $\bar{x}$ | | 6.3 | | 189.8 | | 38.0 |

Sertoli Cells: seen

Remarks: tubules separating few interstitial cells

No. 15-41 Date Vid 59

Spermatogenic Condition 7

| Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 3 | 6.3 | 5% | 168.3 | 10 | 33.0 |
| 2 3 | 6.3 | 49 | 161.7 | 17 | 56.1 |
| 3 3 | 6.3 | 51 | 168.3 | 11 | 36.3 |
| 4 3 | 6.3 | 50 | 165.0 | 11 | 36.3 |
| 5 | | 49 | 161.7 | 10 | 33.0 |
| 6 | | 58 | 191.4 | 11 | 36.3 |
| 7 | | 45 | 148.5 | 14 | 46.2 |
| 8 | | 56 | 184.8 | 13 | 42.9 |
| 9 | | 64 | 211.2 | 13 | 42.9 |
| 10 | | 60 | 198.0 | 12 | 39.6 |
| T | | 1758.9 | | 402.6 | |
| $\bar{x}$ | 6.3 | 175.9 | | 40.3 | |

Sertoli Cells: seen

Remarks: tubules separating

No. 15-42 Date VI/5-9

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 48 | 141.9 | 8 | 26.4 |
| 2 | 3 | 6.3 | 58 | 191.4 | 8 | 26.4 |
| 3 | 3 | 6.3 | 40 | 132.0 | 7 | 23.1 |
| 4 | 3 | 6.3 | 38 | 125.4 | 8 | 26.4 |
| 5 | | | 46 | 151.8 | 10 | 33.0 |
| 6 | | | 39 | 128.7 | 10 | 33.0 |
| 7 | | | 49 | 161.7 | 12 | 39.6 |
| 8 | | | 42 | 138.6 | 9 | 29.7 |
| 9 | | | 49 | 161.7 | 10 | 33.0 |
| 10 | | | 47 | 155.1 | 11 | 36.3 |
| T | | | | 1488.3 | | 306.9 |
| $\bar{x}$ | | 6.3 | | 148.8 | | 30.7 |

Sertoli Cells: seen

Remarks:

No. 15-43 Date 4/57

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 60 | 198.0 | 9 | 27.7 |
| 2 | 3 | 6.3 | 53 | 174.9 | 14 | 46.2 |
| 3 | 3 | 6.3 | 54 | 178.2 | 17 | 56.1 |
| 4 | 3 | 6.3 | 56 | 184.8 | 15 | 49.5 |
| 5 | | | 58 | 191.4 | 15 | 49.5 |
| 6 | | | 65 | 214.5 | 20 | 66.0 |
| 7 | | | 67 | 221.1 | 20 | 66.0 |
| 8 | | | 53 | 174.9 | 14 | 46.2 |
| 9 | | | 59 | 194.7 | 13 | 42.9 |
| 10 | | | 53 | 174.9 | 12 | 39.6 |
| T | | | | 1907.4 | | 491.7 |
| $\bar{x}$ | | 6.3 | | 190.7 | | 49.2 |

Sertoli Cells: seen

Remarks:

E= 36.3

No. 15-46 Date 4/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 70 | 231.0 | 11 | 36.3 |
| 2 | 3 | 6.3 | 67 | 221.1 | 13 | 42.9 |
| 3 | 3 | 6.3 | 56 | 184.8 | 15 | 49.5 |
| 4 | 3 | 6.3 | 54 | 178.2 | 10 | 33.0 |
| 5 | | | 63 | 207.9 | 8 | 26.4 |
| 6 | | | 61 | 201.3 | 19 | 62.7 |
| 7 | | | 58 | 191.4 | 12 | 39.6 |
| 8 | | | 57 | 188.1 | 16 | 52.8 |
| 9 | | | 49 | 161.7 | 8 | 26.4 |
| 10 | | | 52 | 171.6 | 13 | 42.9 |
| T | | | | 1937.1 | | 412.5 |
| $\bar{x}$ | | 6.3 | | 193.7 | | 41.2 |

Sertoli Cells: seen

Remarks:

E = 49.5 μ (3)

No. 15-47 Date VIc/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. (3) | | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 54 - 184.8 | 12 - 39.6 |
| 2 | 3 | 6.3 | 59 194.7 | 15 49.5 |
| 3 | 3 | 6.3 | 67 221.1 | 17 56.1 |
| | | | 67 221.1 | 12 39.6 |
| 4 | 3 | 6.3 | | |
| | | | 71 234.3 | 11 36.3 |
| 5 | | | | |
| | | | 87 287.1 | 13 42.9 |
| 6 | | | | |
| | | | 64 211.2 | 12 39.6 |
| 7 | | | | |
| | | | 62 204.6 | 16 52.8 |
| 8 | | | | |
| | | | 54 178.2 | 15 49.5 |
| 9 | | | | |
| | | | 65 214.5 | 15 49.5 |
| 10 | | | | |
| T | | | 2151.6 | 455.4 |
| $\bar{x}$ | | 6.3 | 215.2 | 45.5 |

Sertoli Cells: seen

Remarks:

No. 15-48 Date VI/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 88 - 290.4 | 15 - 49.5 |
| 2 | | 54 178.2 | 10 33.0 |
| 3 | | 91 300.3 | 20 66.0 |
| 4 | | 75 247.5 | 17 56.1 |
| 5 | | 91 300.3 | 22 72.6 |
| 6 | | 90 297.0 | 22 72.6 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 1613.7 | 349.8 |
| $\bar{x}$ | | 268.9 | 58.3 |

Sertoli Cells: seen

Remarks: interstitial cells abnormally shaped w/ indistinct nuclei

No. 15-50 Date 11/6/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. (3) | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 56 - 184.8 | 20 - 66.0 |
| 2 | 3 6.3 | 59 194.7 | 15 49.5 |
| 3 | 3 6.3 | 74 244.2 | 17 56.1 |
| 4 | 3 6.3 | 58 191.4 | 13 42.9 |
| 5 | | 52 171.6 | 12 39.6 |
| 6 | | 57 188.1 | 14 46.2 |
| 7 | | 47 155.1 | 10 33.0 |
| 8 | | 52 171.6 | 13 42.9 |
| 9 | | 44 145.2 | 14 46.2 |
| 10 | | 53 174.9 | 19 62.7 |
| T | | 1821.6 | 485.1 |
| $\bar{x}$ | 6.3 | 182.2 | 48.5 |

Sertoli Cells: seen

Remarks:

No. 15-51 Date 11/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 73 - | 240.9 | 14 - | 46.2 |
| 2 | 3 | 6.3 | 67 | 221.1 | 9 | 29.7 |
| 3 | 3 | 6.3 | 56 | 184.8 | 11 | 36.3 |
| 4 | 3 | 6.3 | 66 | 217.8 | 21 | 69.3 |
| 5 | | | 71 | 234.3 | 11 | 36.3 |
| 6 | | | 54 | 178.2 | 10 | 33.0 |
| 7 | | | 68 | 224.4 | 9 | 29.7 |
| 8 | | | 72 | 237.6 | 14 | 46.2 |
| 9 | | | 61 | 201.3 | 11 | 36.3 |
| 10 | | | 64 | 211.2 | 14 | 46.2 |
| T | | 23.1 | | 2151.6 | | 409.2 |
| $\bar{x}$ | | 5.8 | | 215.2 | | 40.9 |

Sertoli Cells: seen

Remarks:

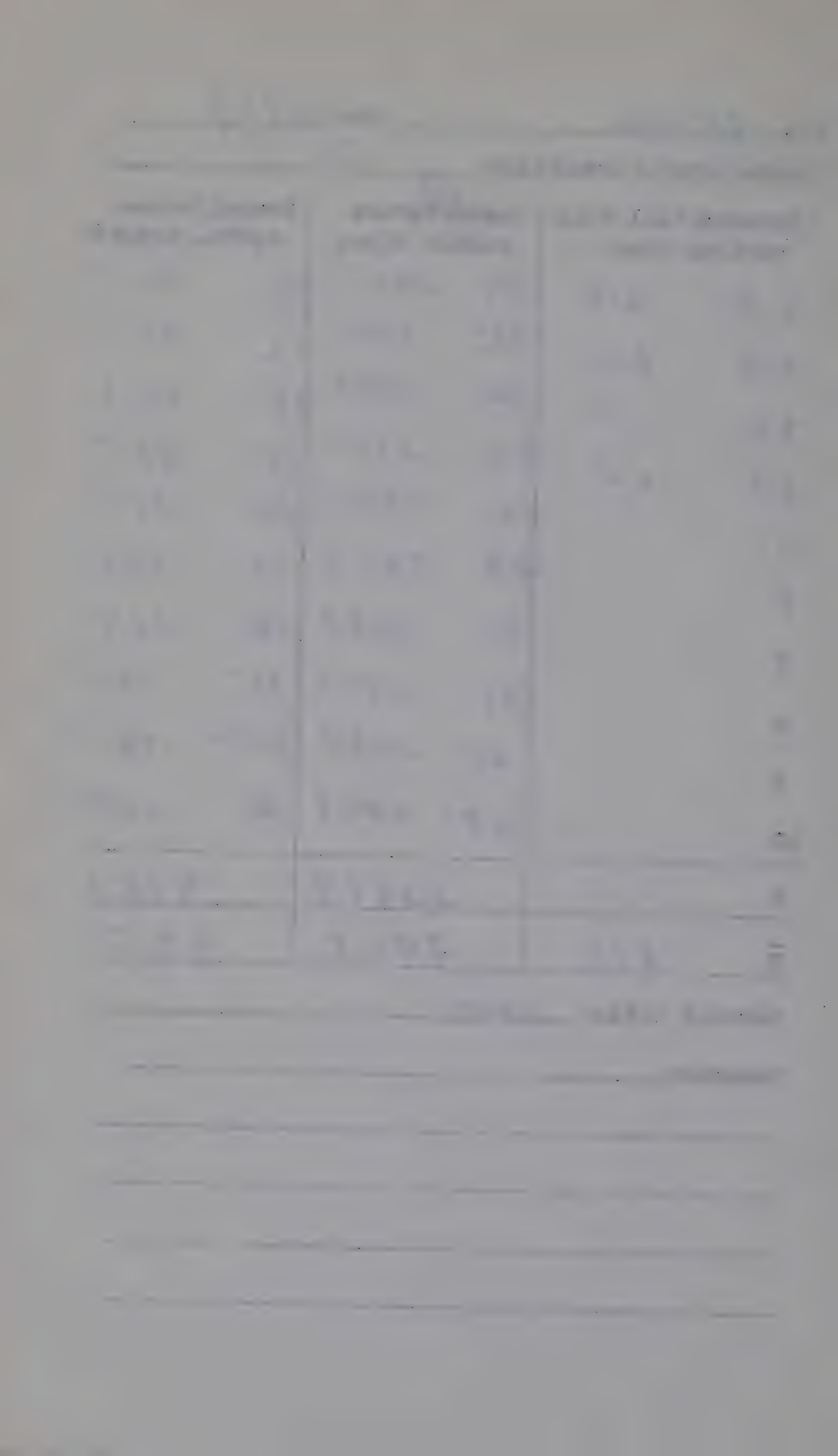
No. 15-52 Date 01/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 79 | 260.7 | 16 | 52.8 |
| 2 | 3 | 6.3 | 52 | 171.6 | 12 | 37.6 |
| 3 | 3 | 6.3 | 76 | 250.8 | 18 | 59.4 |
| 4 | 3 | 6.3 | 84 | 277.2 | 15 | 49.5 |
| 5 | | | 72 | 237.6 | 10 | 33.0 |
| 6 | | | 69 | 227.7 | 13 | 42.9 |
| 7 | | | 71 | 234.3 | 16 | 52.8 |
| 8 | | | 74 | 244.2 | 15 | 49.5 |
| 9 | | | 68 | 224.4 | 25 | 82.5 |
| 10 | | | 73 | 240.9 | 10 | 33.0 |
| T | | | | 2369.4 | | 495.0 |
| $\bar{x}$ | | 6.3 | | 236.9 | | 49.5 |

Sertoli Cells: none

Remarks:



No. 15-54 Date VI/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | [illegible] | 214.5 | 11 | 36.3 |
| 2 | 3 | 6.3 | 46 | 151.8 | 10 | 33.0 |
| 3 | 2 | 4.2 | 63 | 207.9 | 17 | 56.1 |
| 4 | 2 | 4.2 | 53 | 174.9 | 9 | 29.7 |
| 5 | | | 60 | 198.0 | 7 | 23.1 |
| 6 | | | 51 | 168.3 | 12 | 39.6 |
| 7 | | | 53 | 174.9 | 10 | 33.0 |
| 8 | | | 60 | 198.0 | 13 | 42.9 |
| 9 | | | 65 | 214.5 | 16 | 52.8 |
| 10 | | | 50 | 165.0 | 6 | 19.8 |
| T | | 21.0 | | 1867.8 | | 366.3 |
| $\bar{x}$ | | 5.2 | | 186.8 | | 36.6 |

Sertoli Cells: none

Remarks:

No. 15-55 Date VI/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 34 | 112.2 | 9 | 29.7 |
| 2 | 3 | 6.3 | 27 | 89.1 | 5 | 16.5 |
| 3 | 3 | 6.3 | 23 | 75.9 | 4 | 13.2 |
| 4 | 3 | 6.3 | 34 | 112.2 | 14 | 46.2 |
| 5 | | | 33 | 108.9 | 8 | 26.4 |
| 6 | | | 33 | 108.9 | 10 | 33.0 |
| 7 | | | 35 | 115.5 | 9 | 29.7 |
| 8 | | | 35 | 115.5 | 9 | 29.7 |
| 9 | | | 42 | 138.6 | 13 | 42.9 |
| 10 | | | 33 | 108.9 | 11 | 36.3 |
| T | | | | 1085.7 | | 303.6 |
| $\bar{x}$ | | 6.3 | | 108.6 | | 30.4 |

Sertoli Cells: slen

Remarks: tubules only 1 cell layer thick, almost an S

No. 15-56 Date 4/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 - 6.3 | 61 - 201.3 | 10 33.0 |
| 2 | 3 - 6.3 | 52 171.6 | 11 36.3 |
| 3 | 3 - 6.3 | 67 221.1 | 27 89.1 |
| 4 | 3 - 6.3 | 62 204.6 | 15 49.5 |
| 5 | | 77 254.1 | 12 39.6 |
| 6 | | 67 221.1 | 20 66.0 |
| 7 | | 62 204.6 | 12 39.6 |
| 8 | | 73 240.9 | 19 62.7 |
| 9 | | 66 217.8 | 14 46.2 |
| 10 | | 53 151.5 | 13 42.9 |
| T | | 2118.6 | 504.9 |
| $\bar{x}$ | 6.3 | 211.9 | 50.5 |

Sertoli Cells: seen

Remarks:

No. 15-58 Date VI/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 16 - 52.8 | |
| 2 | | 17 52.1 | |
| 3 | | 14 46.2 | |
| 4 | | 17 52.1 | |
| 5 | | 14 46.2 | |
| 6 | | 16 52.8 | |
| 7 | | 14 46.2 | |
| 8 | | 16 52.8 | |
| 9 | | 15 49.5 | |
| 10 | | 17 52.1 | |
| T | | 5 14.8 | |
| $\bar{x}$ | | 51.5 | |

Sertoli Cells: seen

Remarks:

No. 15-59 Date VII/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 10.3 | 34 | 112.2 | 9 — 29.7 |
| 2 | 2 | 4.2 | 29 | 95.7 | 10 33.0 |
| 3 | 3 | 6.3 | 42 | 138.6 | 11 36.3 |
| 4 | 3 | 6.3 | 32 | 105.6 | 10 33.0 |
| 5 | | | 27 | 89.1 | 8 26.4 |
| 6 | | | 33 | 108.9 | 9 29.7 |
| 7 | | | 33 | 108.9 | 10 33.0 |
| 8 | | | 38 | 125.4 | 10 33.0 |
| 9 | | | 24 | 55.8 | 7 23.1 |
| 10 | | | 23 | 75.9 | — |
| T | 23.1 | | 1046.1 | | 277.2 |
| $\bar{x}$ | 5.8 | | 104.6 | | 30.8 |

Sertoli Cells: Few

Remarks: almost an 8 just lumen present in many tubules

No. 15-60 Date VII/5-9

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 17 - 56.1 | |
| 2 | | 14 46.2 | |
| 3 | | 15 49.5 | |
| 4 | | 15 49.5 | |
| 5 | | 15 49.5 | |
| 6 | | 15 49.5 | |
| 7 | | 17 56.1 | |
| 8 | | 16 52.8 | |
| 9 | | 15 49.5 | |
| 10 | | 15 49.5 | |
| T | | 508.2 | |
| $\bar{x}$ | | 50.8 | |

Sertoli Cells: seen

Remarks:

No. 15-64 Date VII/5/9

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 40 - 151.8 | 8 - 26.4 |
| 2 | | 40 132.0 | 8 26.4 |
| 3 | | 35 115.5 | 12 39.6 |
| 4 | | 37 122.1 | 9 29.7 |
| 5 | | 33 108.9 | 9 29.7 |
| 6 | | 34 112.2 | 8 26.4 |
| 7 | | 36 118.8 | 9 29.7 |
| 8 | | 52 171.6 | 10 33.0 |
| 9 | | 35 115.5 | 10 33.0 |
| 10 | | 43 141.9 | 8 26.4 |
| T | | 1290.3 | 300.3 |
| $\bar{x}$ | 6.3 | 129.0 | 30.0 |

Sertoli Cells: seen

Remarks:

E = 29.7 μ (2)

No. 15-65 Date VI 6/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 19 - 49.5 | |
| 2 | | 18 59.4 | |
| 3 | | 20 66.0 | |
| 4 | | 19 62.7 | |
| 5 | | 17 56.1 | |
| 6 | | 14 46.2 | |
| 7 | | 17 56.1 | |
| 8 | | 16 52.8 | |
| 9 | | 15 49.5 | |
| 10 | | 17 56.1 | |
| T | | 534.4 | |
| $\bar{x}$ | | 53.4 | |

Sertoli Cells: Seen

Remarks:

No. 15-64 Date VII/59

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | 3 | μ m. | |
| 1 | 3 6.3 | | |
| 2 | 2 4.2 | | |
| 3 | 3 6.3 | | |
| 4 | 3 6.3 | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | 23.1 | | |
| $\bar{x}$ | 5.8 | | |

Sertoli Cells:

Remarks: abnormal - cells falling away from basement membrane, > avg no. of interstitial cells

No. 15-67 Date VII/59

Spermatogenic Condition 0 (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 14. 46.2 | |
| 2 | | 12 39.6 | |
| 3 | | 14 46.2 | |
| 4 | | 14 46.2 | |
| 5 | | 11 36.3 | |
| 6 | | 12 39.6 | |
| 7 | | 13 42.9 | |
| 8 | | 12 39.6 | |
| 9 | | 12 39.6 | |
| 10 | | 13 42.9 | |
| T | | 419.1 | |
| $\bar{x}$ | | 41.9 | |

Sertoli Cells: None

Remarks:

No. 15-68 Date VIIc/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | 11m. 363 | |
| 1 | | 11 363 | |
| 2 | | 12 396 | |
| 3 | | 13 429 | |
| 4 | | 11 363 | |
| 5 | | 11 363 | |
| 6 | | 14 462 | |
| 7 | | 11 363 | |
| 8 | | 10 330 | |
| 9 | | 12 396 | |
| 10 | | | |
| T | | 3828 | |
| $\bar{x}$ | | 383 | |

Sertoli Cells: seen

Remarks:

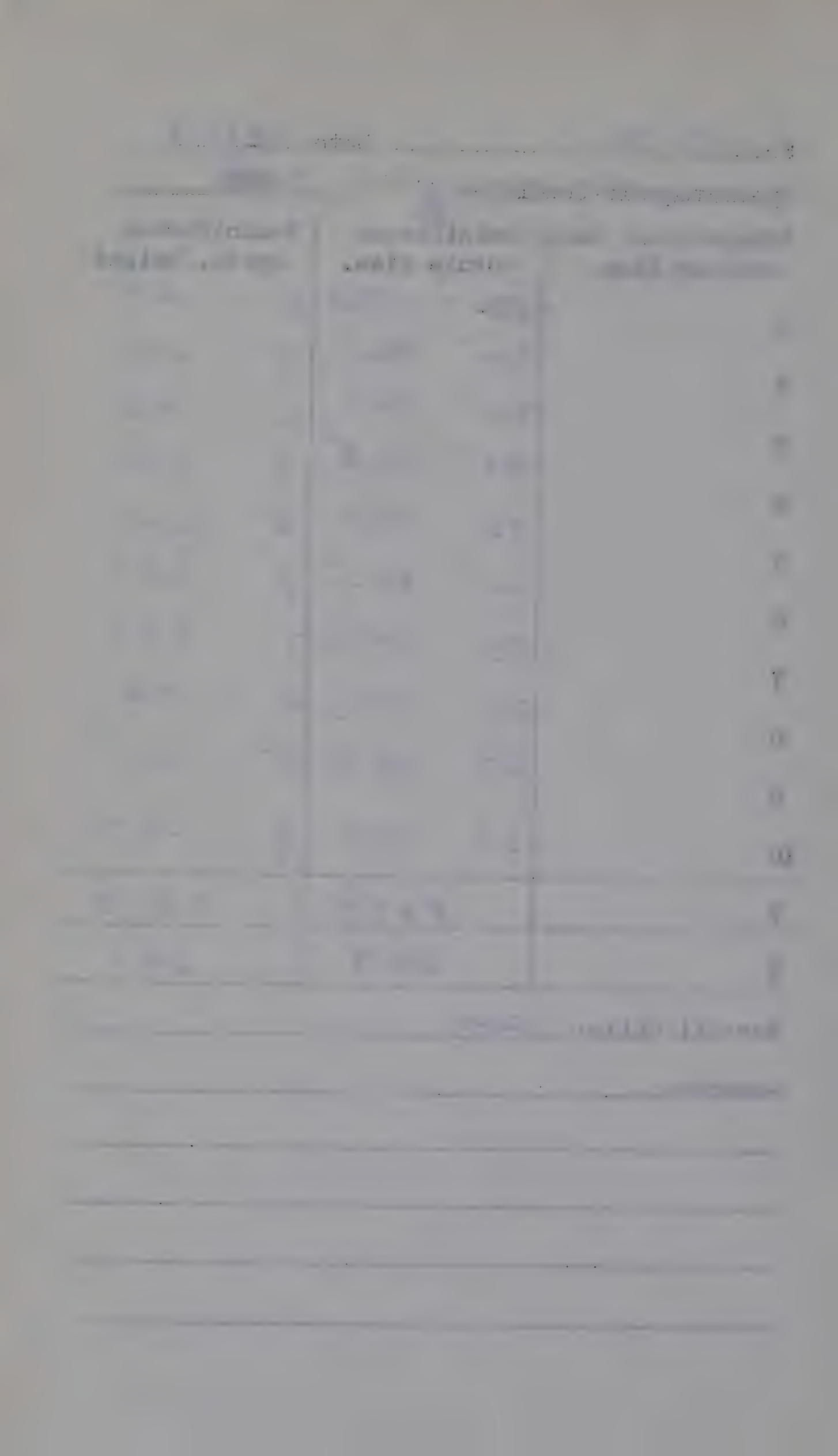
No. 15-70 Date 11/15/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 30 - 99.0 | 8 - 26.4 |
| 2 | | 25 82.5 | 7 23.1 |
| 3 | | 25 82.5 | 6 19.8 |
| 4 | | 25 82.5 | 7 23.1 |
| 5 | | 30 99.0 | 8 26.4 |
| 6 | | 25 82.5 | 7 23.1 |
| 7 | | 30 99.0 | 7 23.1 |
| 8 | | 30 99.0 | 6 19.8 |
| 9 | | 24 79.2 | 5 16.5 |
| 10 | | 24 79.2 | 9 29.7 |
| T | | 884.4 | 231.0 |
| $\bar{x}$ | | 88.4 | 23.1 |

Sertoli Cells: open

Remarks:



No. 15-72 Date VII/59

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | (2) | |
| 1 | | 11 m. - 36.3 | |
| 2 | | 12 39.6 | |
| 3 | | 11 36.3 | |
| 4 | | 12 39.6 | |
| 5 | | 11 36.3 | |
| 6 | | 13 42.9 | |
| 7 | | 14 46.2 | |
| 8 | | 13 42.9 | |
| 9 | | 12 39.6 | |
| 10 | | 10 33.0 | |
| T | | 392.7 | |
| $\bar{x}$ | | 39.3 | |

Sertoli Cells: Rare

Remarks:

No. 15-73 Date VII/59

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 22 - 72.6 | |
| 2 | 3 | 6.3 | 24 79.2 | |
| 3 | 3 | 6.3 | 31 102.3 | |
| 4 | 3 | 6.3 | 20 66.0 | |
| 5 | | | 32 105.6 | |
| 6 | | | 28 92.4 | |
| 7 | | | 28 92.4 | |
| 8 | | | 28 92.4 | |
| 9 | | | 28 92.4 | |
| 10 | | | 33 108.9 | |
| T | | | 904.2 | |
| $\bar{x}$ | | 6.3 | 90.4 | |

Sertoli Cells: seen

Remarks:

No. 15-75 Date VIII/59

Spermatogenic Condition 9 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 28 - 92.4 | |
| 2 | | 20 66.0 | |
| 3 | | 25 82.5 | |
| 4 | | 23 75.9 | |
| 5 | | 25 82.5 | |
| 6 | | 26 85.8 | |
| 7 | | 23 75.9 | |
| 8 | | 26 85.8 | |
| 9 | | 27 89.1 | |
| 10 | | | |
| T | | 825.0 | |
| $\bar{x}$ | | 82.5 | |

Sertoli Cells: seen

Remarks:

No. 15-78 Date VIII/59

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 12 - 39.6 | |
| 2 | | 11 36.3 | |
| 3 | | 11 36.3 | |
| 4 | | 10 33.0 | |
| 5 | | 13 42.9 | |
| 6 | | 10 33.0 | |
| 7 | | 11 36.3 | |
| 8 | | 11 36.3 | |
| 9 | | 11 36.3 | |
| 10 | | 10 33.0 | |
| T | | 363.0 | |
| $\bar{x}$ | | 36.3 | |

Sertoli Cells: seen

Remarks:

No. 15-80 Date VIII/59

Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 17. - 56.1 | |
| 2 | | 14 46.2 | |
| 3 | | 12 39.6 | |
| 4 | | 12 39.6 | |
| 5 | | 13 42.9 | |
| 6 | | 11 36.3 | |
| 7 | | 13 42.9 | |
| 8 | | 13 42.9 | |
| 9 | | 12 39.6 | |
| 10 | | 13 42.9 | |
| T | | 429.0 | |
| $\bar{x}$ | | 42.9 | |

Sertoli Cells: Seen

Remarks:

No. 15-82 Date 6/16/59

Spermatogenic Condition S

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | ~~27~~ 72.6 | |
| 2 | | 30 99.0 | |
| 3 | | 37 122.1 | |
| 4 | | 26 85.8 | |
| 5 | | 25 82.5 | |
| 6 | | 28 92.4 | |
| 7 | | 24 79.2 | |
| 8 | | 23 75.9 | |
| 9 | | 24 79.2 | |
| 10 | | 30 99.0 | |
| T | | 887.7 | |
| $\bar{x}$ | | 88.8 | |

Sertoli Cells: deep

Remarks:

No. 15-83 Date VIII/59

Spermatogenic Condition 5 !

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 3 6.3 | 39 - 128.7 | 13 - 42.9 |
| 2 | 40 132.0 | 10 33.0 |
| 3 | 30 99.0 | 10 33.0 |
| 4 | 35 115.5 | 11 36.3 |
| 5 | 44 145.2 | 16 52.8 |
| 6 | 36 118.8 | 12 39.6 |
| 7 | 39 128.7 | 15 49.5 |
| 8 | 41 135.3 | 17 56.1 |
| 9 | 38 125.4 | 13 42.9 |
| 10 | 45 148.5 | 15 49.5 |
| T | 1277.1 | 435.6 |
| $\bar{x}$ 6.3 | 127.7 | 43.6 |

Sertoli Cells: seen

Remarks: large no of blood vessels

No. 15-84 Date 12/11/59

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 34 - 112.2 | |
| | | 35 115.5 | |
| 2 | | 37 122.1 | |
| 3 | | 40 132.0 | |
| 4 | | 27 89.1 | |
| 5 | | 39 128.7 | |
| 6 | | 36 118.8 | |
| 7 | | 34 112.2 | |
| 8 | | 32 105.6 | |
| 9 | | 33 108.9 | |
| 10 | | | |
| T | | 1145.1 | |
| $\bar{x}$ | 6.3 | 114.5 | |

Sertoli Cells: seen

Remarks: some cells ?

No. 15-86 Date VIII/60

Spermatogenic Condition 4 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 26. - 85.8 | |
| 2 | | 26 85.8 | |
| 3 | | 23 75.9 | |
| 4 | | 21 69.3 | |
| 5 | | 23 75.9 | |
| 6 | | 24 79.2 | |
| 7 | | 20 66.0 | |
| 8 | | 22 72.6 | |
| 9 | | 26 85.8 | |
| 10 | | 23 75.9 | |
| T | | 772.2 | |
| $\bar{x}$ | | 77.2 | |

Sertoli Cells: seen

Remarks:

No. 15-89 Date IX/89

Spermatogenic Condition O

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 18 - 59.4 | |
| 2 | | 20 66.0 | |
| 3 | | 15 59.4 | |
| 4 | | 17 56.1 | |
| 5 | | 19 62.7 | |
| 6 | | 18 59.4 | |
| 7 | | 20 66.0 | |
| 8 | | 21 69.3 | |
| 9 | | 20 66.0 | |
| 10 | | 18 59.4 | |
| T | | 623.7 | |
| $\bar{x}$ | | 62.4 | |

Sertoli Cells: seen

Remarks:

No. 15-92 Date 1/11/60

Spermatogenic Condition 5⁻

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 13 | 6.3 | 50 - | 165.0 | 13 - | 42.9 |
| 2 | | | 65⁻ | 214.5 | 14 | 46.2 |
| 3 | | | 46 | 151.8 | 11 | 36.3 |
| 4 | | | 56 | 184.8 | 14 | 46.2 |
| 5 | | | 56 | 184.8 | 16 | 52.8 |
| 6 | | | 51 | 168.3 | 12 | 39.6 |
| 7 | | | 65 | 214.5 | 22 | 72.6 |
| 8 | | | 51 | 168.3 | 10 | 33.0 |
| 9 | | | 60 | 198.0 | 21 | 69.3 |
| 10 | | | 46 | 151.8 | 15⁻ | 49.5 |
| T | | | | 1801.8 | | 488.4 |
| $\bar{x}$ | | 6.3 | | 180.2 | | 48.8 |

Sertoli Cells: not seen

Remarks:

No. 15-93 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 64 - 211.2 | 25 - 82.5 |
| 2 | | 68 224.4 | 19 62.7 |
| 3 | | 52 171.6 | 17 56.1 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 607.2 | 201.3 |
| $\bar{x}$ | | 202.4 | 67.1 |

Sertoli Cells: not seen

Remarks: most of tubules shattered in preparation

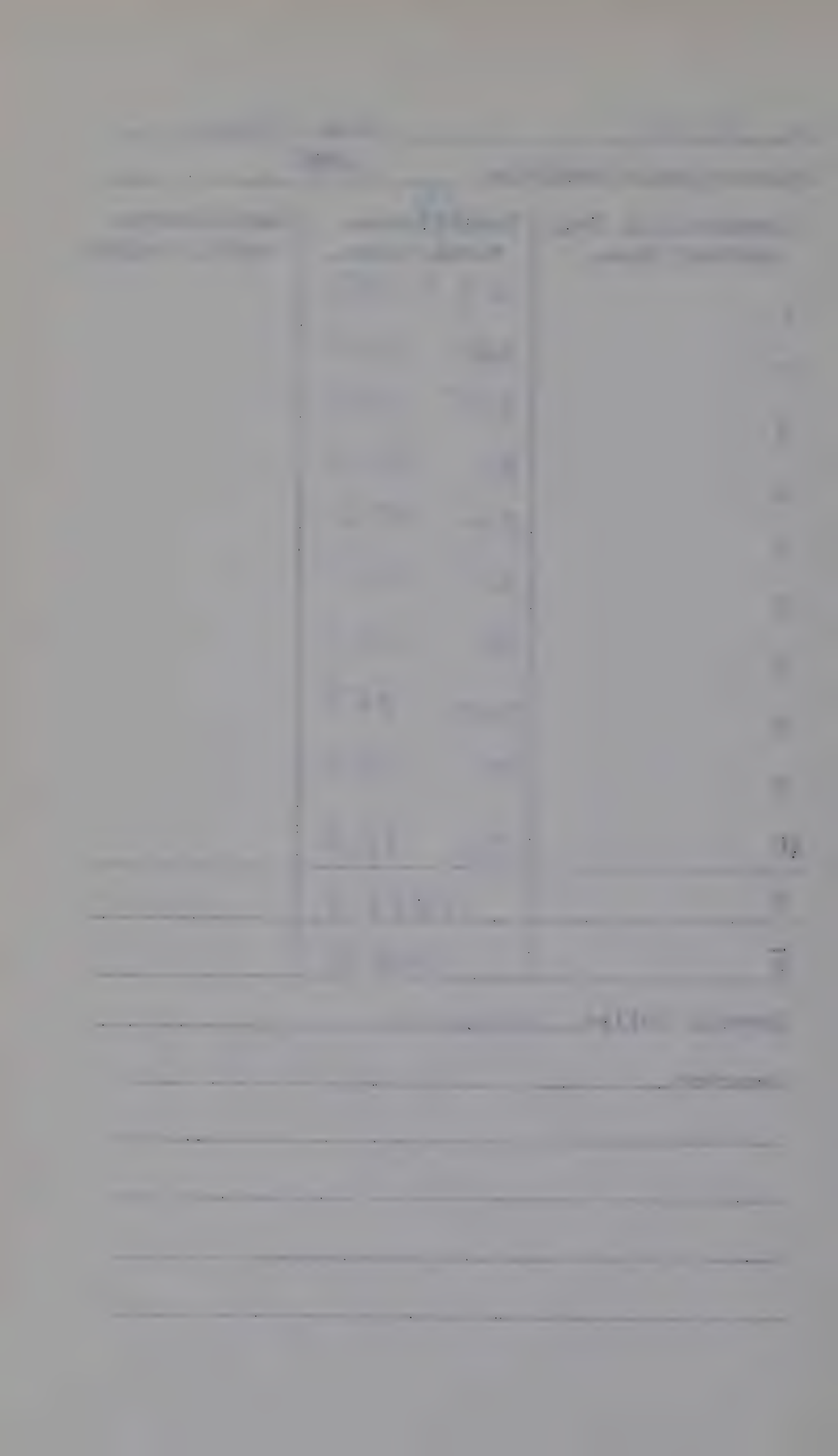
No. 15-95 Date 10/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 29 - 95.7 | |
| 2 | | 26 85.8 | |
| 3 | | 35 115.5 | |
| 4 | | 40 132.0 | |
| 5 | | 32 105.6 | |
| 6 | | 25 82.5 | |
| 7 | | 36 118.8 | |
| 8 | | 26 85.8 | |
| 9 | | 30 99.0 | |
| 10 | | 30 99.0 | |
| T | | 1019.7 | |
| $\bar{x}$ | | 102.0 | |

Sertoli Cells: seen

Remarks:



No. 15-96 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: Tissue shredded

E = 29.7 μ (JP)

No. 15-100 Date 10/60

Spermatogenic Condition 6 (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 6.3 | 66 - 217.8 | 18 - 59.4 |
| 2 | | 57 188.1 | 16 52.8 |
| 3 | | 80 264.0 | 22 72.6 |
| 4 | | 50 165.0 | 10 33.0 |
| 5 | | 70 231.0 | 20 66.0 |
| 6 | | 46 151.8 | 12 39.6 |
| 7 | | 61 201.3 | 17 56.1 |
| 8 | | 72 237.6 | 15 49.5 |
| 9 | | 81 267.3 | 20 66.0 |
| 10 | | 72 237.6 | 20 66.0 |
| T | | 2161.5 | 561.0 |
| $\bar{x}$ | 6.3 | 216.2 | 56.1 |

Sertoli Cells: not seen

Remarks:

E=33.0μ (3)

No. 15-101 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 - 6.3 | 41 - 135.3 | 16 - 52.8 |
| 2 | | 42 138.4 | 16 52.8 |
| 3 | | 64 211.2 | 18 59.4 |
| 4 | | 43 141.9 | 16 52.8 |
| 5 | | 38 125.4 | 10 33.0 |
| 6 | | 34 112.2 | 11 36.3 |
| 7 | | 47 155.1 | 11 36.3 |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 1019.7 | 323.4 |
| $\bar{x}$ | 6.3 | 145.6 ~~140~~ | 46.2 |

Sertoli Cells: not seen

Remarks:

No. 15-103 Date 10/60

Spermatogenic Condition O

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 21 - 69.3 | |
| 2 | | 20 66.0 | |
| 3 | | 21 69.3 | |
| 4 | | 22 72.6 | |
| 5 | | 23 75.9 | |
| 6 | | 20 66.0 | |
| 7 | | 17 56.1 | |
| 8 | | 17 56.1 | |
| 9 | | 16 52.8 | |
| 10 | | 22 72.6 | |
| T | | 656.7 | |
| $\bar{x}$ | | 65.7 | |

Sertoli Cells: seen

Remarks:

No. 15-106 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 68 - 224.4 | 23 - 75.9 |
| 2 | | | 46 151.8 | 15 49.5 |
| 3 | | | 45 148.5 | 15 49.5 |
| 4 | | | 67 221.1 | 12 39.6 |
| 5 | | | 77 254.1 | 14 46.2 |
| 6 | | | 67 221.1 | 19 62.7 |
| 7 | | | 76 250.8 | 13 42.9 |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| T | | | 1471.8 | 366.3 |
| $\bar{x}$ | | 6.3 | 210.2 | 52.3 |

Sertoli Cells: not seen

Remarks:

No. 15-108 Date 10/60

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 66 | 217.8 | 14 | 46.2 |
| 2 | | | 79 | 260.7 | 20 | 66.0 |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 478.5 | | 112.2 | |
| $\bar{x}$ | | 6.3 | | 239.2 | | 56.1 |

Sertoli Cells: not seen

Remarks: large fold in center of tissue

No. 15-110 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 60 207.9 | 11 - 36.3 |
| 2 | | 50 165.0 | 10 33.0 |
| 3 | | 50 165.0 | 11 36.3 |
| 4 | | 58 191.4 | 18 59.4 |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 729.3 | 165.0 |
| $\bar{x}$ | 6.3 | 182.3 | 41.2 |

Sertoli Cells: not seen

Remarks: tissue scratched by microtome blade

No. 15-111 Date 11/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 48. - 158.4 | |
| 2 | | | 48 158.4 | |
| 3 | | | 53 174.9 | |
| 4 | | | 48 158.4 | |
| 5 | | | 50 165.0 | |
| 6 | | | 67 221.1 | |
| 7 | | | 47 155.1 | |
| 8 | | | 58 191.4 | |
| 9 | | | 52 171.6 | |
| 10 | | | 60 198.0 | |
| T | | | 1752.3 | |
| $\bar{x}$ | | 6.3 | 175.2 | |

Sertoli Cells: seen

Remarks:

E = 26.4 μ (1)

No. 15-112 Date 10/60

Spermatogenic Condition 5

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 67 - | 221.1 | 20 - | 66.0 |
| 2 | | | 54 | 178.2 | 13 | 42.9 |
| 3 | | | 51 | 168.3 | 16 | 52.8 |
| 4 | | | 56 | 184.8 | 14 | 46.2 |
| 5 | | | 61 | 201.3 | 17 | 56.1 |
| 6 | | | 54 | 178.2 | 20 | 66.0 |
| 7 | | | 47 | 155.1 | 20 | 66.0 |
| 8 | | | 50 | 165.0 | 14 | 46.2 |
| 9 | | | 48 | 158.4 | 12 | 39.6 |
| 10 | | | 52 | 171.6 | 22 | 72.6 |
| T | | | 1782.0 | | 554.4 | |
| $\bar{x}$ | | 6.3 | 178.2 | | 55.4 | |

Sertoli Cells: seen

Remarks:

No. 15-113 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 - 6.3 | 60 - 198.0 | 15 - 49.5 |
| 2 | | 61 201.3 | 14 46.2 |
| 3 | | 80 264.0 | 19 62.7 |
| 4 | | 80 264.0 | 18 59.4 |
| 5 | | 52 171.6 | 16 52.8 |
| 6 | | 66 217.8 | 16 52.8 |
| 7 | | 54 178.2 | 12 39.6 |
| 8 | | 53 174.9 | 12 39.6 |
| 9 | | 56 184.8 | 14 46.2 |
| 10 | | 55 181.5 | 11 36.3 |
| T | | 2036.1 | 485.1 |
| $\bar{x}$ | 6.3 | 203.6 | 48.5 |

Sertoli Cells: not seen

Remarks: some interstitial cell nuclei abnormally shaped

E = 29.7 µ

①

No. 15-114 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 44 - | 145.2 | 10 - | 33.0 |
| 2 | | | 40 | 132.0 | 12 | 39.6 |
| 3 | | | 47 | 155.1 | 8 | 26.4 |
| 4 | | | 50 | 165.0 | 12 | 39.6 |
| 5 | | | 40 | 132.0 | 9 | 29.7 |
| 6 | | | 45 | 148.5 | 11 | 36.3 |
| 7 | | | 47 | 155.1 | 10 | 33.0 |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 1032.9 | | 237.6 | |
| $\bar{x}$ | | 6.3 | 147.5 | | 33.9 | |

Sertoli Cells: not seen

Remarks: interstitial cell nuclei abnormally shaped

No. 15-117 Date 10/60

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 55 | 280.5 | 12 | 39.6 |
| 2 | 3 | 6.3 | 57 | 188.1 | 15 | 49.5 |
| 3 | 3 | 6.3 | 74 | 244.2 | 11 | 36.3 |
| 4 | 3 | 6.3 | 48 | 158.4 | 10 | 33.0 |
| 5 | | | 70 | 231.0 | 20 | 66.0 |
| 6 | | | 55 | 181.5 | 12 | 39.6 |
| 7 | | | 75 | 247.5 | 13 | 42.9 |
| 8 | | | 48 | 158.4 | 10 | 33.0 |
| 9 | | | 83 | 273.9 | 12 | 39.6 |
| 10 | | | 68 | 224.4 | 20 | 66.0 |
| T | | 23.1 | | 2187.9 | | 445.5 |
| $\bar{x}$ | | 5.8 | | 218.8 | | 44.6 |

Sertoli Cells: none

Remarks:

E= 26.4 μ (2)

No. 15-118 Date 11/60

Spermatogenic Condition 5

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 57 | 168.3 | 20 | 66.0 |
| 2 | 3 | 6.3 | 45 | 148.5 | 13 | 42.9 |
| 3 | | | 50 | 165.0 | 18 | 59.4 |
| 4 | | | 44 | 145.2 | 20 | 66.0 |
| 5 | | | 40 | 132.0 | 14 | 46.2 |
| 6 | | | 45 | 148.5 | 12 | 39.6 |
| 7 | | | 43 | 141.9 | 15 | 49.5 |
| 8 | | | 41 | 135.3 | 13 | 42.9 |
| 9 | | | 38 | 125.4 | 11 | 36.3 |
| 10 | | | 36 | 118.8 | 10 | 33.0 |
| T | | | | 1428.9 | | 481.8 |
| $\bar{x}$ | | | | 142.9 | | 48.2 |

Sertoli Cells: seen

Remarks: giant cells in gland (?) ~~testis~~ near testis

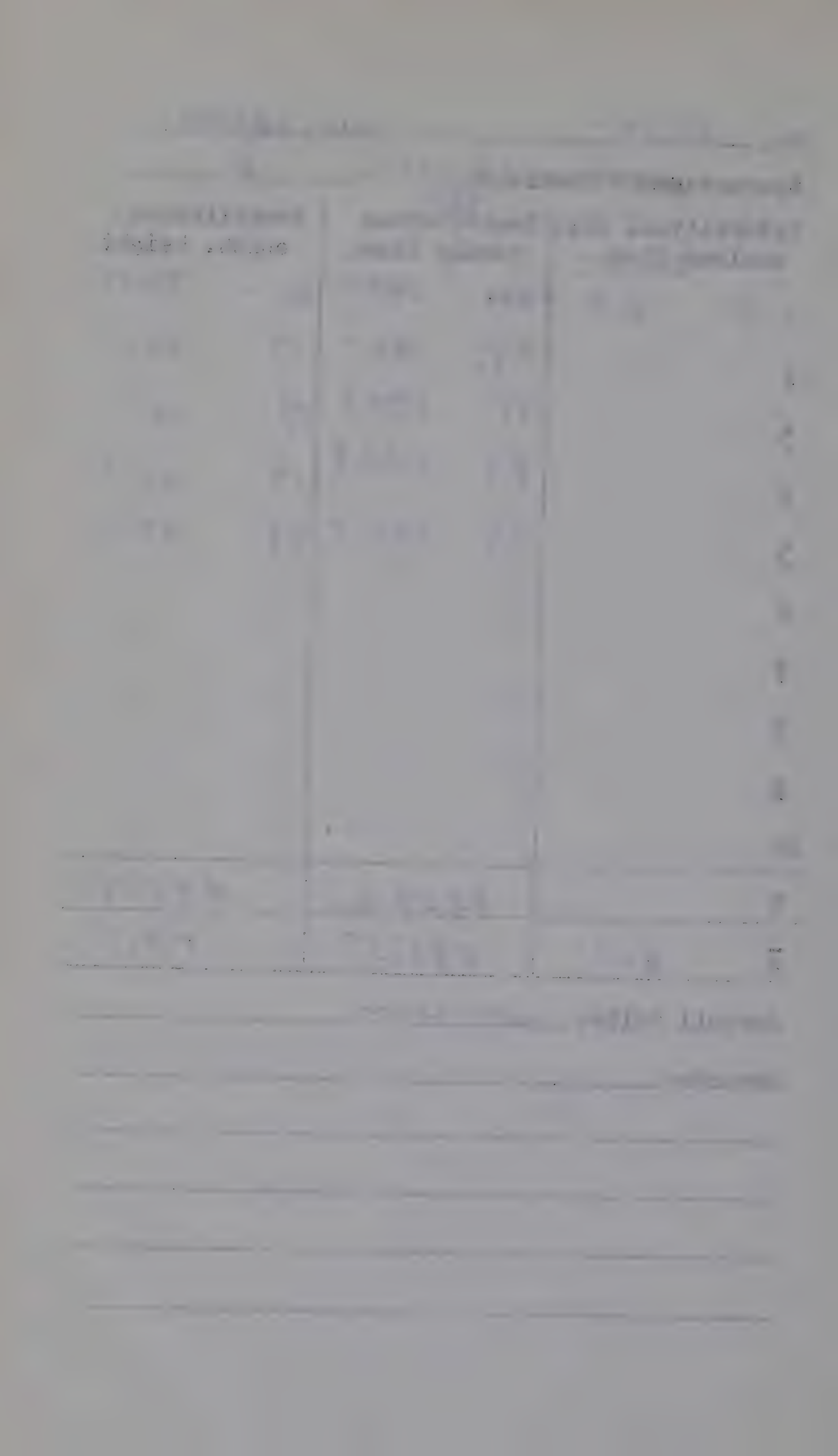
No. 15-122 Date 12/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 - 6.3 | 80 - 264.0 | 10 - 33.0 |
| 2 | | 59 194.7 | 17 56.1 |
| 3 | | 71 234.3 | 19 62.7 |
| 4 | | 83 273.9 | 19 62.7 |
| 5 | | 79 260.7 | 24 79.2 |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 1227.6 | 293.7 |
| $\bar{x}$ | 6.3 | 245.5 | 58.7 |

Sertoli Cells: not seen

Remarks:



No. 15-123 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 73 | 240.9 | 15 - | 49.5 |
| 2 | | | 57 | 188.1 | 13 | 42.9 |
| 3 | | | 57 | 188.1 | 15 | 49.5 |
| 4 | | | 63 | 207.9 | 16 | 52.8 |
| 5 | | | 69 | 227.7 | 11 | 36.3 |
| 6 | | | 65 | 214.5 | 13 | 42.9 |
| 7 | | | 49 | 161.7 | 13 | 42.9 |
| 8 | | | 78 | 257.4 | 22 | 72.6 |
| 9 | | | 49 | 161.7 | 12 | 39.6 |
| 10 | | | 56 | 184.8 | 11 | 36.3 |
| T | | | | 2032.8 | | 465.3 |
| $\bar{x}$ | | 6.3 | | 203.3 | | 46.5 |

Sertoli Cells: not seen

Remarks:

$\bar{E}$ = 49.5 μ (3)

No. 15-124 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 57 | 188.1 | 12 | 39.6 |
| 2 | | | 61 | 201.3 | 10 | 33.0 |
| 3 | | | 58 | 191.4 | 11 | 36.3 |
| 4 | | | 58 | 191.4 | 15 | 49.5 |
| 5 | | | 60 | 198.0 | 22 | 72.6 |
| 6 | | | 60 | 198.0 | 15 | 49.5 |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | | 1168.2 | | 280.5 |
| $\bar{x}$ | | 6.3 | | 194.7 ~~196.8~~ | | 46.8 |

Sertoli Cells: not seen

Remarks:

No. 15-126 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 77 - | 254.1 | 14 - | 52.8 |
| 2 | 3 | 6.3 | 69 | 227.7 | 14 | 46.2 |
| 3 | 3 | 6.3 | 80 | 264.0 | 24 | 79.2 |
| 4 | | | 91 | 300.3 | 23 | 75.9 |
| 5 | | | 74 | 244.2 | 16 | 52.8 |
| 6 | | | 54 | 178.2 | 11 | 36.3 |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | 16.8 | | 1468.5 | | 343.2 | |
| $\bar{x}$ | 5.6 | | 244.7 | | 57.2 | |

Sertoli Cells: not seen

Remarks:

No. 15-130 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 77 | 254.1 | 15 | 49.5 |
| 2 | | | 65 | 214.5 | 13 | 42.9 |
| 3 | | | 70 | 231.0 | 19 | 62.7 |
| 4 | | | 82 | 270.6 | 24 | 79.2 |
| 5 | | | 66 | 217.8 | 23 | 75.9 |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 1188.0 | | 310.2 | |
| $\bar{x}$ | | 6.3 | 237.6 | | 62.0 | |

Sertoli Cells: not seen

Remarks: Tissue in poor condition

No. 15-131 Date 10/60

Spermatogenic Condition 5

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 59 - | 194.7 | 22 - | 72.6 |
| 2 | | | 48 | 158.4 | 15 | 49.5 |
| 3 | | | 58 | 191.4 | 18 | 59.4 |
| 4 | | | 65 | 214.5 | 15 | 49.5 |
| 5 | | | 55 | 181.5 | 23 | 75.9 |
| 6 | | | 53 | 174.9 | 16 | 52.8 |
| 7 | | | 69 | 227.7 | 20 | 66.0 |
| 8 | | | 70 | 231.0 | 15 | 49.5 |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 1574.1 | | 475.2 | |
| $\bar{x}$ | 6.3 | | 196.7 | | 59.4 | |

Sertoli Cells: Active

Remarks:

No. 15-132 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | present but not sectioned well enough for measurement | 61 - 201.3 | 11 - 36.3 |
| 2 | | 77 254.1 | 20 66.0 |
| 3 | | 77 254.1 | 10 33.0 |
| 4 | | 81 267.3 | 15 49.5 |
| 5 | | 61 201.3 | 17 56.1 |
| 6 | | 48 158.4 | 18 59.4 |
| 7 | | 61 201.3 | 10 33.0 |
| 8 | | 53 174.9 | 12 39.6 |
| 9 | | 71 234.3 | 17 56.1 |
| 10 | | 72 237.6 | 19 62.7 |
| T | | 2184.6 | 491.7 |
| $\bar{x}$ | | 218.5 | 49.2 |

Sertoli Cells: not seen

Remarks:

$\bar{E}$ = 33.0 μ (1)

No. 15-1395 Date 10/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 44 | 145.2 | 13 | 42.9 |
| 2 | | | 46 | 151.8 | 14 | 46.2 |
| 3 | | | 42 | 138.6 | 15 | 49.5 |
| 4 | | | 40 | 132.0 | 15 | 49.5 |
| 5 | | | 43 | 141.9 | 15 | 49.5 |
| 6 | | | 47 | 155.1 | 18 | 59.4 |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 864.6 | | 297.0 | |
| $\bar{x}$ | | 6.3 | | 144.1 | | 49.5 |

Sertoli Cells: seen

Remarks:

No. 15-140 Date 10/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: tissue shredded

No. 15-141 Date 10/60

Spermatogenic Condition G

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 40 | 132.0 | 12 - | 39.6 |
| 2 | | | 35 | 115.5 | 14 | 46.2 |
| 3 | | | 38 | 125.4 | 9 | 29.7 |
| 4 | | | 33 | 108.9 | 8 | 26.4 |
| 5 | | | 33 | 108.9 | 13 | 42.9 |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 590.7 | | 184.8 | |
| $\bar{x}$ | 6.3 | | 118.1 | | 37.0 | |

Sertoli Cells: none

Remarks: stain faint

No. 15-142 Date 11/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 22 72.6 | |
| 2 | | 23 75.9 | |
| 3 | | 31 102.3 | |
| 4 | | 19 62.7 | |
| 5 | | 30 99.0 | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 412.5 | |
| $\bar{x}$ | | 82.5 | |

Sertoli Cells: seen

Remarks: Stain faint

No. 15-143 Date 4/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 - 9.6.3 | 36 | 118.8 | — |
| | | 32 | 105.6 | 13 - 42.9 |
| 2 | | 33 | 108.9 | — |
| 3 | | 31 | 102.3 | — |
| 4 | | 28 | 92.4 | — |
| 5 | | 26 | 85.8 | — |
| 6 | | 28 | 92.4 | — |
| 7 | | 28 | 92.4 | — |
| 8 | | 25 | 82.5 | — |
| 9 | | | | |
| 10 | | 37 | 122.1 | |
| T | | | 1003.2 | |
| $\bar{x}$ | 6.3 | | 100.3 | |

Sertoli Cells: None

Remarks: looks like an immature but is supposed to be an adult

No. 15-145 Date 1/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | ~~20~~ 66.0 | |
| 2 | | ~~16~~ 52.8 | |
| 3 | | 18 59.4 | |
| 4 | | 16 52.8 | |
| 5 | | 18 59.4 | |
| 6 | | 14 46.2 | |
| 7 | | 14 46.2 | |
| 8 | | 16 52.8 | |
| 9 | | 18 59.4 | |
| 10 | | 18 59.4 | |
| T | | 554.4 | |
| $\bar{x}$ | | 55.4 | |

Sertoli Cells: seen

Remarks: more giant cells

No. 15-147 Date 1/60

Spermatogenic Condition 4s

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 41. - 135.3 | 11 - 36.3 |
| 2 | | 42 138.6 | 11 36.3 |
| 3 | | 40 132.0 | 12 39.6 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 405.9 | 112.2 |
| $\bar{x}$ | | 135.3 | 37.4 |

Sertoli Cells: not seen

Remarks: Testis in post condition

No. 15-148 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 582 - 270.6 | 20 66.0 |
| 2 | | 59 194.7 | 14 46.2 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 1165.3 | 112.2 |
| $\bar{x}$ | | 232.6 | 56.1 |

Sertoli Cells: not seen

Remarks: Stain faint, tissue falling apart

No. 15-150 Date 10/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | present | 44. - 135.3 | 12 - 39.6 |
| 2 | | 58 191.4 | 23 75.9 |
| 3 | | 43 141.9 | 15 49.5 |
| 4 | | 49 161.7 | 20 66.0 |
| 5 | | 55 181.5 | 24 79.2 |
| 6 | | 66 217.8 | 15 49.5 |
| 7 | | 58 191.4 | 15 49.5 |
| 8 | | 48 158.4 | 17 56.1 |
| 9 | | 60 198.0 | 25 82.5 |
| 10 | | 60 198.0 | 16 52.8 |
| T | | 1775.4 | 600.6 |
| $\bar{x}$ | | 177.5 | 60.1 |

Sertoli Cells: not seen

Remarks:

E = 23.1 μ (3)

No. 15-151 Date V/60

Spermatogenic Condition [redacted] 5

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 29 - 95.7 | 10 - 33.0 |
| | | 31 102.3 | 8 26.4 |
| 2 | | 28 92.4 | — |
| 3 | | 35 115.5 | 13 42.9 |
| 4 | | 25 75.9 | 7 23.1 |
| 5 | | 28 92.4 | 7 23.1 |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 574.2 | 148.5 |
| $\bar{x}$ | | 95.7 | 29.7 |

Sertoli Cells: clear

Remarks: testis fairly - looks like an immature

No. 15-153 Date 4/60

Spermatogenic Condition 5

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 36 - 118.8 | 9 - 29.7 |
| 2 | | 27 89.1 | 7 23.1 |
| 3 | | 35 115.5 | 10 33.0 |
| 4 | | 31 102.3 | 7 23.1 |
| 5 | | 36 118.8 | 8 26.4 |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 549.5 | 135.3 |
| $\bar{x}$ | | 108.9 | 27.1 |

Sertoli Cells:

Remarks: stem final

$\bar{x}$ = 23.1 μ

No. 15-157 Date V/60

Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: tissue shattered

No. 15-159 Date 4/60

Spermatogenic Condition [illegible] 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 59. - 194.7 | 22 - 72.6 |
| 2 | | 64 211.2 | 12 39.6 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 405.9 | 112.2 |
| $\bar{x}$ | | 203.0 | 56.1 |

Sertoli Cells:

Remarks: stain faint

E = 42.9 μ

(3)

No. 15-164 Date 4/60

Spermatogenic Condition G

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: stain faint; most of tissue sloughed

No. 15-165 Date 4/60

Spermatogenic Condition 6?

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ. m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: Stain faint, tissue falling apart

E=48.9/4

(2)

No. 15-168 Date 1/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 present | 42 - 204.6 | 14 - 46.2 |
| 2 | | 53 174.9 | 16 52.8 |
| 3 | | 60 198.0 | 12 39.6 |
| 4 | | 45 148.5 | 11 36.3 |
| 5 | | 44 145.2 | 12 39.6 |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 871.2 | 214.5 |
| $\bar{x}$ | 6.3 | 174.2 | 42.9 |

Sertoli Cells: not seen

Remarks:

No. 15-170 Date 11/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 50 - 165.0 | 12 39.6 |
| 2 | | 52 184.8 | 15 49.5 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 349.8 | 89.1 |
| $\bar{x}$ | | 174.9 | 44.6 |

Sertoli Cells:

Remarks: Tissue shedded

No. 15-173 Date V/60

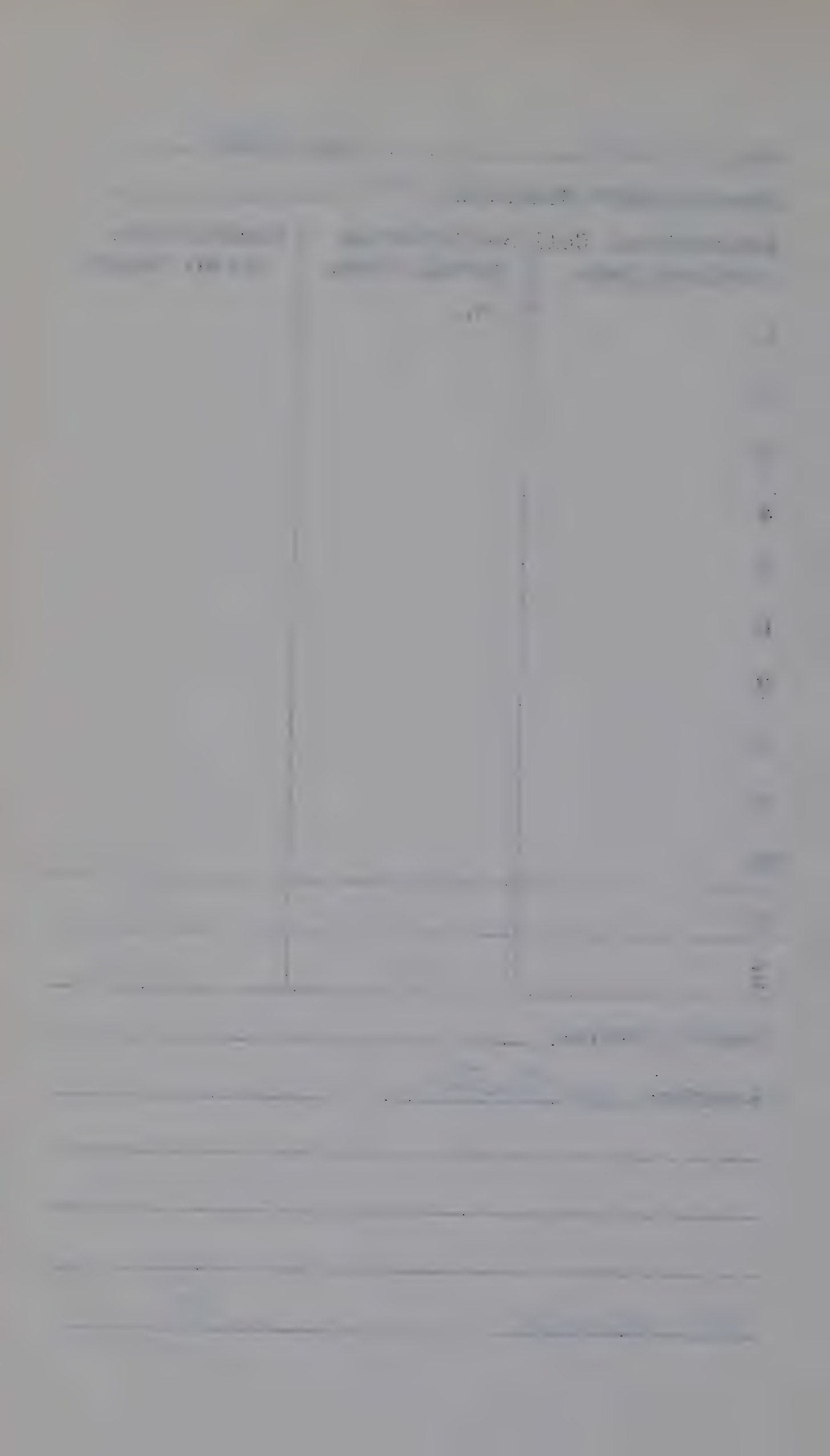
Spermatogenic Condition [illegible]

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: no testes

E = 46.24 (4)



No. 15-177 Date 11/60

Spermatogenic Condition _____

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: no testis

E= 36.3 μ (4)

No. 15-179 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 6.3 | 65 | 214.5 | 15 | 49.5 |
| 2 | | | 76 | 252.8 | 10 | 33.0 |
| 3 | | | 67 | 221.1 | 18 | 59.4 |
| 4 | | | 53 | 174.9 | 22 | 72.6 |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | | 861.3 | | 214.5 |
| $\bar{x}$ | | 6.3 | | 215.3 | | 53.6 |

Sertoli Cells: not seen

Remarks: testes watched

No. 15-180 Date V/60

Spermatogenic Condition 6

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|
| 1 6.3 | 49 161.7 | 10 - 33.0 |
| 2 | 52 171.6 | 12 39.6 |
| 3 | 68 224.4 | 22 72.6 |
| 4 | 62 204.6 | 24 79.2 |
| 5 | 68 224.4 | 25 82.5 |
| 6 | 51 168.3 | 12 39.6 |
| 7 | 65 214.5 | 20 66.0 |
| 8 | | |
| 9 | | |
| 10 | | |
| T | 1369.5 | 412.5 |
| $\bar{x}$ 6.3 | 195.6 | 58.9 |

Sertoli Cells: not seen

Remarks: ~~no testes~~

gland w/ giant cells

No. 15-182 Date 4/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 17 - 52.1 | |
| 2 | | 18 59.4 | |
| 3 | | 19 62.7 | |
| 4 | | 20 66.0 | |
| 5 | | 20 66.0 | |
| 6 | | 18 59.4 | |
| 7 | | 19 62.7 | |
| 8 | | 18 59.4 | |
| 9 | | 21 69.3 | |
| 10 | | 19 62.7 | |
| T | | 623.7 | |
| $\bar{x}$ | | 62.4 | |

Sertoli Cells: seen

Remarks:

No. 15-185 Date 1/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 69 - 227.7 | 15 - 49.5 |
| 2 | | 48 158.4 | 13 42.9 |
| 3 | | 70 231.0 | 16 52.8 |
| 4 | | 48 158.4 | 16 52.8 |
| 5 | | 54 178.2 | 10 33.0 |
| 6 | | 69 227.7 | 15 49.5 |
| 7 | | 69 227.7 | 20 66.0 |
| 8 | | 65 214.5 | 11 36.3 |
| 9 | | 57 188.1 | 14 46.2 |
| 10 | | 52 171.6 | 6 19.8 |
| T | | 1983.3 | 448.8 |
| $\bar{x}$ | | 198.3 | 44.9 |

Sertoli Cells: not seen

Remarks: I C nuclei abnormally shaped

No. 15 - 188 Date 11/60

Spermatogenic Condition

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| T | | |
| $\bar{x}$ | | |

Sertoli Cells:

Remarks: no lactin

E = 42.9 μ

(5)

No. 15-189 Date 4/60

Spermatogenic Condition 6 (12)

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 53 | 174.9 | 8 | 26.4 |
| 2 | | | 52 | 171.6 | 13 | 42.9 |
| 3 | | | 44 | 145.2 | 18 | 59.4 |
| 4 | | | 50 | 165.0 | 11 | 36.3 |
| 5 | | | 67 | 221.1 | 12 | 39.6 |
| 6 | | | 54 | 178.2 | 15 | 49.5 |
| 7 | | | 58 | 191.4 | 9 | 29.7 |
| 8 | | | 46 | 151.8 | 15 | 49.5 |
| 9 | | | 55 | 181.5 | 19 | 62.7 |
| 10 | | | 50 | 165.0 | 12 | 39.6 |
| T | | | | 1745.7 | | 435.6 |
| $\bar{x}$ | | 6.3 | | 174.6 | | 43.6 |

Sertoli Cells: not seen

Remarks:

No. 15-190 Date V/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 57 - 188.1 | 16 - 52.8 |
| 2 | | 52 171.6 | 14 46.2 |
| 3 | | 50 165.0 | 15 49.5 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 524.7 | 148.5 |
| $\bar{x}$ | | 174.9 | 49.5 |

Sertoli Cells: not seen

Remarks: stain faint

E = 36.3 μ (2)

No. 15-193 Date V/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: tissue in poor condition

No. 15-196 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 75 | 247.5 | 15 | 49.5 |
| | | | 76 | 250.8 | 30 | 99.0 |
| 2 | | | | | | |
| | | | 71 | 234.3 | 26 | 85.8 |
| 3 | | | | | | |
| | | | 67 | 221.1 | 21 | 69.3 |
| 4 | | | | | | |
| | | | 69 | 227.7 | 20 | 66.0 |
| 5 | | | | | | |
| | | | 75 | 247.5 | 19 | 62.7 |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 1428.9 | | 432.3 | |
| $\bar{x}$ | | 6.3 | 238.1 | | 72.0 | |

Sertoli Cells: not seen

Remarks:

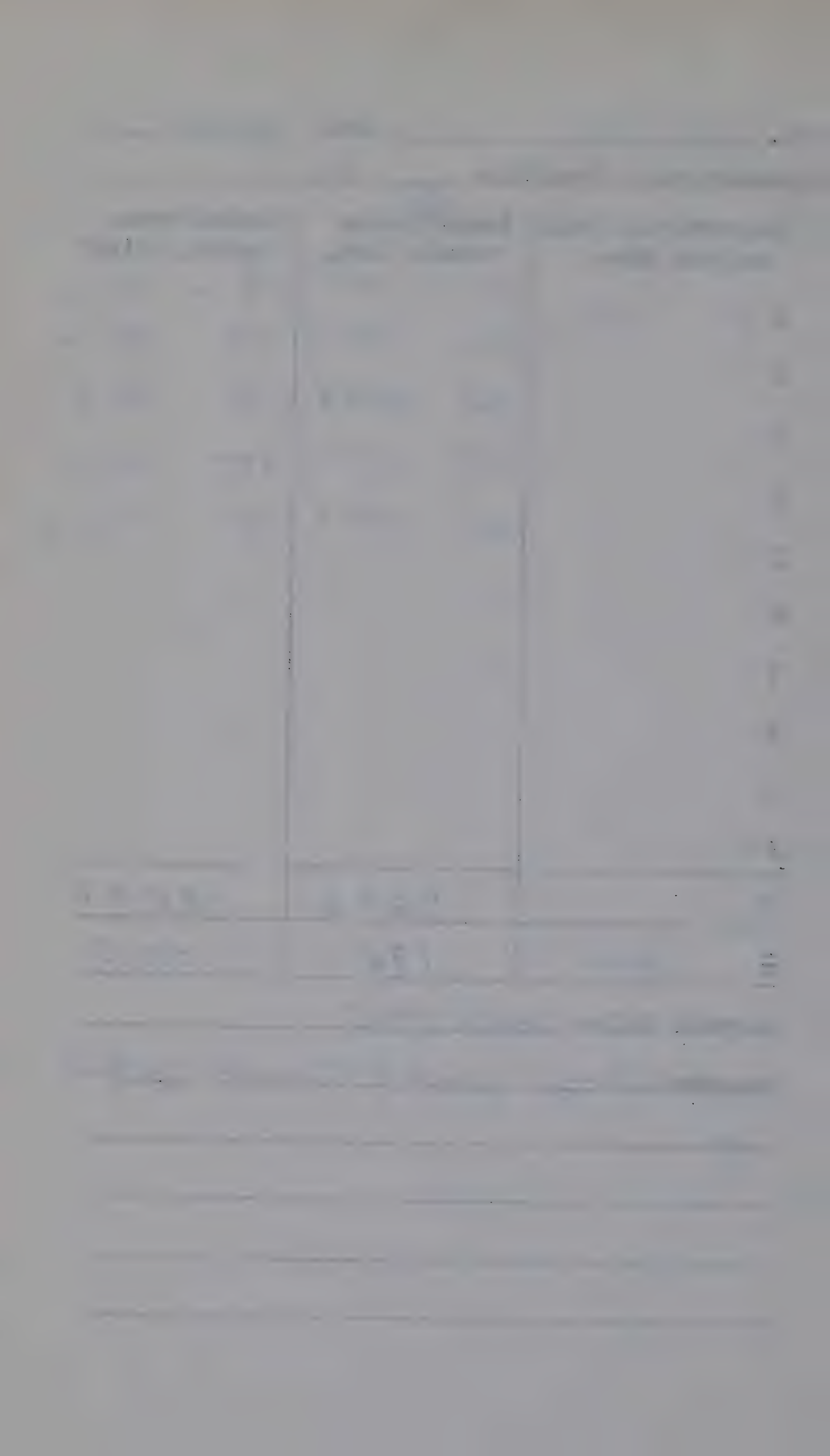
No. 15-199 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 57 - | 165.0 | 14 - | 46.2 |
| 2 | | | 102 | 204.6 | 14 | 46.2 |
| 3 | | | 108 | 224.4 | 18 | 59.4 |
| 4 | | | 57 | 188.1 | 15 | 49.5 |
| 5 | | | 55 | 181.5 | 16 | 52.8 |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 963.6 | | 254.1 | |
| $\bar{x}$ | | 6.3 | 192.7 | | 50.8 | |

Sertoli Cells: not seen

Remarks: large part of tissue torn up



No. 15-201 Date 4/60

Spermatogenic Condition 5

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 75 | 247.5 | 25 | 82.5 |
| 2 | | | 68 | 224.4 | 25 | 82.5 |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 471.9 | | | |
| $\bar{x}$ | | 6.3 | | 236.0 | | 82.5 |

Sertoli Cells: Seen

Remarks: Large abnormal gland & part of testis

E = 42.9 μ (1)

No. 15-202 Date 4/60

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 4.3 | 46 - 151.8 | 15 - 49.5 |
| 2 | | | 44 145.2 | 13 42.9 |
| 3 | | | 52 134.8 | 15 - 49.5 |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| T | | | 481.8 | 141.9 |
| $\bar{x}$ | | 4.3 | 160.6 | 47.3 |

Sertoli Cells: not seen

Remarks: tissue in poor condition

E = 36.34 (2)

No. 15-203 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: not seen

Remarks: tissue was poor condition

E= 46.2 μ

(2)

No. 15-204 Date 4/60

Spermatogenic Condition _____

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: tissue shredded

No. 15-205 Date 4/60

Spermatogenic Condition [illegible] 4

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 78 - 257.4 | 11 - 36.3 |
| 2 | | 57 188.1 | 16 52.8 |
| 3 | | 90 297.0 | 10 33.0 |
| 4 | | 47 155.1 | 11 36.3 |
| 5 | | 50 165.0 | 15 49.5 |
| 6 | | 67 221.1 | 13 42.9 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 1285.7 | 250.8 |
| $\bar{x}$ | 6.3 | 213.9 | 41.8 |

Sertoli Cells: not seen

Remarks:

No. 15-206 Date Vd 60

Spermatogenic Condition 6 2

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 36 | 118.8 | 12 | 39.6 |
| 2 | | | 43 | 141.9 | 11 | 36.3 |
| 3 | | | 37 | 122.1 | 10 | 33.0 |
| 4 | | | 41 | 135.3 | 11 | 36.3 |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | | 518.1 | | 145.2 |
| $\bar{x}$ | | 6.3 | | 129.5 | | 36.3 |

Sertoli Cells: not seen

Remarks:

No. 15-201 Date V/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: not seen

Remarks: Tubes in poor condition

No. 15-208 Date 11/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ. m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: stain faint, tissue in poor condition

E=56.1 μ (4)

No. 15-209 Date 1/60

Spermatogenic Condition [illegible]

| | Interstitial Cell nuclear diam. μ m. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: tissue in poor condition — impossible to tell stage

$\bar{E} = 39.6\ \mu$ ①

No. 15-210 Date 11/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 6.3 | 56 - 184.8 | 15 - 49.5 |
| 2 | | 56 184.8 | 9 29.7 |
| 3 | | 56 184.8 | 18 59.4 |
| 4 | | 75 247.5 | 15 49.5 |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 801.9 | 188.1 |
| $\bar{x}$ | 6.3 | 200.5 | 47.0 |

Sertoli Cells: not seen

Remarks: tissue in poor condition

E = 42.9 μ (3)

No. 15-311 Date 1/60

Spermatogenic Condition (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 155 - 181.5 | 20 - 66.0 |
| 2 | | 72 237.6 | 15 49.5 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 419.1 | 115.5 |
| $\bar{x}$ | | 209.6 | 57.8 |

Sertoli Cells: not seen

Remarks: Many found

No. 15-212 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 : 6.3 | 168 224.4 | 24 - 79.2 |
| 2 | | 160 198.0 | 14 46.2 |
| 3 | | 47 155.1 | 21 69.3 |
| 4 | | 59 194.7 | 13 42.9 |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 772.2 | 237.6 |
| $\bar{x}$ | 6.3 | 193.0 | 59.4 |

Sertoli Cells: not seen

Remarks: tissue in poor condition

No. 15-215 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 72 237.6 | 11 36.3 |
| 2 | | 53 174.9 | 17 56.1 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 412.5 | 92.4 |
| $\bar{x}$ | | 206.2 | 46.2 |

Sertoli Cells: not seen

Remarks: stain faint

S=330,41 (1)

No. 15-216 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 50 | 165.0 | 20 | 66.0 |
| | | | 61 | 201.3 | 15 | 49.5 |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 366.3 | | 115.5 | |
| $\bar{x}$ | 6.3 | | 183.2 | | 57.8 | |

Sertoli Cells: not seen

Remarks: stem final

EC 39.6 M

(2)

No. 15-217 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 189.8 | 33.0 |
| 2 | | 145.2 | 29.7 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 330.0 | 62.7 |
| $\bar{x}$ | | 165.0 | 31.4 |

Sertoli Cells:

Remarks: folds in tissue

No. 15-218 Date V/60

Spermatogenic Condition 6

| Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 | 3 6.3 | 65 | 214.5 | 15 | 49.5 |
| 2 | | 83 | 273.9 | 15 | 49.5 |
| 3 | | 65 | 214.5 | 22 | 72.6 |
| 4 | | 57 | 188.1 | 12 | 39.6 |
| 5 | | 62 | 204.6 | 15 | 49.5 |
| 6 | | 70 | 231.0 | 18 | 59.4 |
| 7 | | 68 | 224.4 | 15 | 49.5 |
| 8 | | 59 | 194.7 | 11 | 36.3 |
| 9 | | 51 | 168.3 | 15 | 49.5 |
| 10 | | 68 | 224.4 | 14 | 46.2 |
| T | | 2138.4 | | 501.6 | |
| $\bar{x}$ | 6.3 | 213.8 | | 50.2 | |

Sertoli Cells: seen

Remarks:

No. 15-219 Date V/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 2 | 4.2 ~~6~~ | 60 - 198.0 | 20 - 66.0 |
| 2 | 3 | 6.3 | 63 207.9 | 22 72.6 |
| 3 | 3 | 6.3 | 62 204.6 | 12 39.6 |
| 4 | 2 | 4.2 | 54 178.2 | 18 59.4 |
| 5 | | | 51 168.3 | 15 49.5 |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| T | 21.0 | | 957.0 | 287.1 |
| $\bar{x}$ | 5.2 | | 191.4 | 57.4 |

Sertoli Cells:

Remarks:

No. 15-220 Date V/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 45 - 148.5 | 10 - 33.0 |
| 2 | | 48 158.4 | 10 33.0 |
| 3 | | 37 122.1 | 13 42.9 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 429.0 | 108.9 |
| $\bar{x}$ | | 143.0 | 36.3 |

Sertoli Cells:

Remarks: poor tissue

No. 15-221 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 57 | 188.1 | 25 | 82.5 |
| 2 | 3 | 6.3 | 70 | 231.0 | 20 | 66.0 |
| 3 | 3 | 6.3 | 62 | 204.6 | 17 | 56.1 |
| 4 | 3 | 6.3 | 69 | 227.7 | 22 | 72.6 |
| 5 | | | 70 | 231.0 | 15 | 49.5 |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | 23.1 | | 1082.4 | | 326.7 | |
| $\bar{x}$ | 5,8 | | 216.4 | | 65.3 | |

Sertoli Cells: not seen

Remarks:

E = 52.8 μ

No. 15-226 Date 4/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 204.6 | 59.4 |
| 2 | | 237.6 | 56.1 |
| 3 | | 224.4 | 42.9 |
| 4 | | 290.4 | 75.9 |
| 5 | | 247.5 | 75.9 |
| 6 | | 198.0 | 33.0 |
| 7 | | 191.4 | 66.0 |
| 8 | | 201.3 | 52.8 |
| 9 | | 254.1 | 75.9 |
| 10 | | 257.4 | 75.9 |
| T | | 2306.3 | 613.8 |
| $\bar{x}$ | | 230.6 | 61.4 |

Sertoli Cells: not seen

Remarks:

EE 46.2

No. 15-228 Date 12/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: tissue shredded

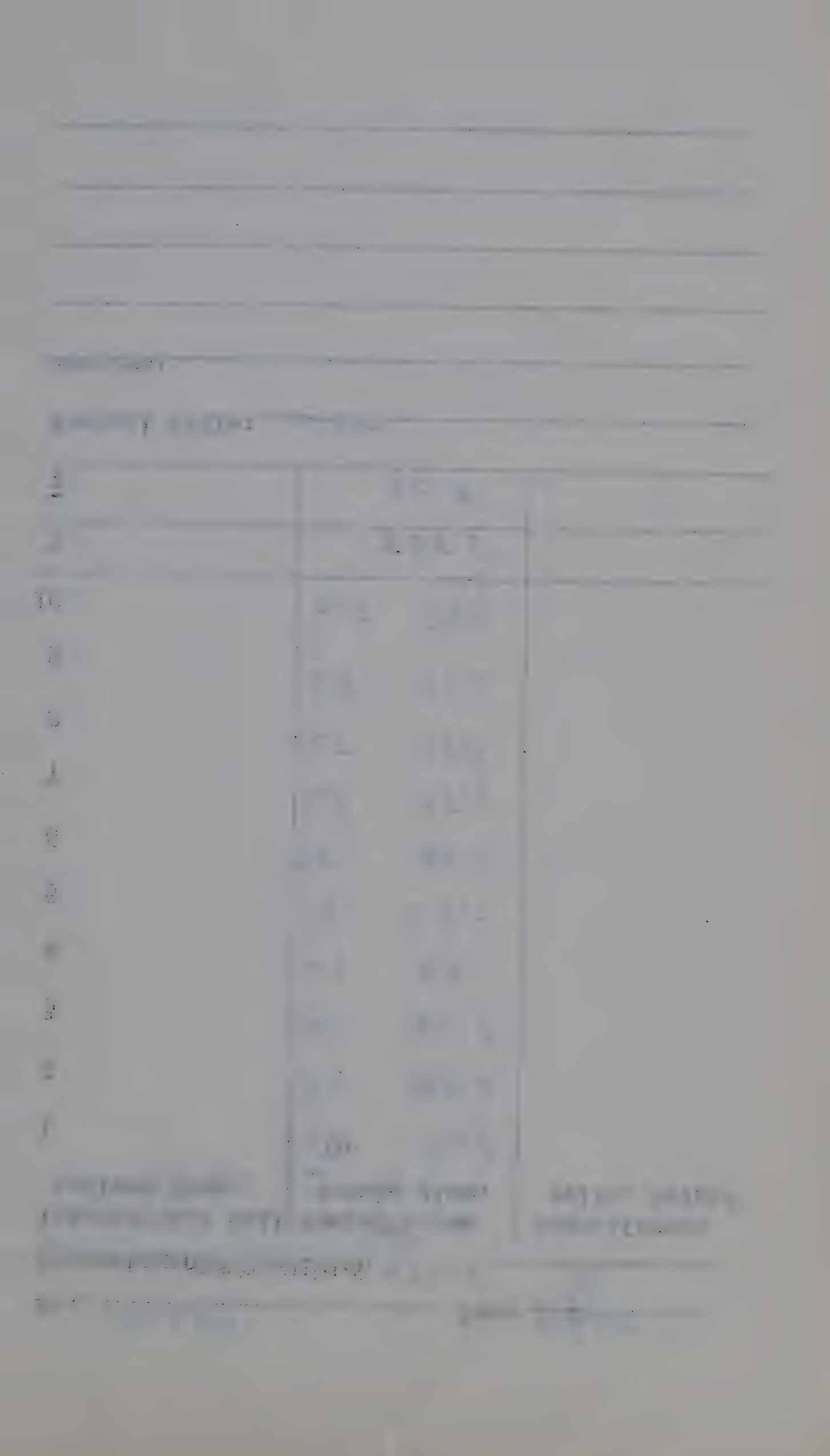
No. 15-229 Date 11/60

Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 28 - 92.4 | |
| 2 | | 32 105.6 | |
| 3 | | 26 85.8 | |
| 4 | | 27 89.1 | |
| 5 | | 19 62.7 | |
| 6 | | 20 66.0 | |
| 7 | | 23 75.9 | |
| 8 | | 23 75.9 | |
| 9 | | 24 79.2 | |
| 10 | | 23 75.9 | |
| T | | 808.5 | |
| $\bar{x}$ | | 80.8 | |

Sertoli Cells: seen

Remarks:



No. 15-237 Date Vb/60

Spermatogenic Condition 6

| Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 | 3 6.3 | 60 | 198.0 | 20 | 66.0 |
| 2 | | 48 | 158.4 | 10 | 33.0 |
| 3 | | 53 | 174.9 | 19 | 62.7 |
| 4 | | 47 | 155.1 | 10 | 33.0 |
| 5 | | 53 | 174.9 | 11 | 36.3 |
| 6 | | 55 | 181.5 | 12 | 39.6 |
| 7 | | 48 | 158.4 | 20 | 66.0 |
| 8 | | 68 | 224.4 | 14 | 46.2 |
| 9 | | 63 | 207.9 | 20 | 66.0 |
| 10 | | 50 | 165.0 | 15 | 49.5 |
| T | | 1798.5 | | 498.3 | |
| $\bar{x}$ | 6.3 | 179.8 | | 49.8 | |

Sertoli Cells: not seen

Remarks:

E = 33.0 μ

(3)

No. 15-238 Date Oct/60

Spermatogenic Condition [illegible] c

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 75. 247.5 | 15 49.5 |
| | | 64 211.2 | 13 42.9 |
| 2 | | | |
| | | 88 290.4 | 14 148.5 |
| 3 | | | |
| | | 80 264.0 | 15 49.5 |
| 4 | | | |
| | | 62 204.6 | 13 42.9 |
| 5 | | | |
| | | 58 191.4 | 20 66.0 |
| 6 | | | |
| | | 86 283.8 | 19 62.7 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 1692.9 | 462.0 |
| $\bar{x}$ | 6.3 | 241.8 | 66.0 |

Sertoli Cells: seen

Remarks:

E = 39.6μ

No. 15-240 Date VI/60

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 198.0 | 12 - 39.6 |
| 2 | | 178.2 | 19 62.7 |
| 3 | | 181.5 | 11 36.3 |
| 4 | | 181.5 | 13 42.9 |
| 5 | | 211.2 | 20 66.0 |
| 6 | | 198.0 | 16 52.8 |
| 7 | | 128.7 | 16 52.8 |
| 8 | | 174.9 | 11 36.3 |
| 9 | | 165.0 | 18 59.4 |
| 10 | | 194.7 | 16 52.8 |
| T | | 1811.7 | 501.6 |
| $\bar{x}$ | | 181.2 | 50.2 |

Sertoli Cells: seen

Remarks:

$\bar{x}$ = 36.3 (2)

No. 15-241 Date 6/6/60

Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 154 178.2 | 16 - 52.8 |
| 2 | | 61 201.3 | 15 49.5 |
| 3 | | 43 141.9 | 12 39.6 |
| 4 | | 48 158.4 | 12 39.6 |
| 5 | | 52 171.6 | 10 33.0 |
| 6 | | 45 148.5 | 7 23.1 |
| 7 | | 52 171.6 | 7 23.1 |
| 8 | | 45 148.5 | 9 29.7 |
| 9 | | 49 161.7 | 14 46.2 |
| 10 | | 48 158.4 | 13 42.9 |
| T | | 1640.1 | 379.5 |
| $\bar{x}$ | 6.3 | 164.0 | 38.0 |

Sertoli Cells: none

Remarks:

$\bar{E} = 36.3_{4}$

No. 15-242 Date 6/1/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 115 148.5 | 13 42.9 |
| 2 | | 163 207.9 | 22 72.6 |
| 3 | | 164 211.2 | 21 69.3 |
| 4 | | 81 267.3 | 15 49.5 |
| 5 | | 70 231.0 | 11 36.3 |
| 6 | | 49 161.7 | 14 46.2 |
| 7 | | 56 184.8 | 12 39.6 |
| 8 | | 56 184.8 | 14 46.2 |
| 9 | | 57 188.1 | 14 46.2 |
| 10 | | 74 244.2 | 13 42.9 |
| T | | 2029.5 | 491.7 |
| $\bar{x}$ | 6.3 | 203.0 | 49.2 |

Sertoli Cells: seen

Remarks:

E= 39.6

(3)

No. 15-243 Date 01/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 74 - 178.2 | | 15 - 49.5 |
| 2 | | | 65 | 214.5 | 17 56.1 |
| 3 | | | 77 | 254.1 | 20 66.0 |
| 4 | | | 69 | 227.7 | 11 36.3 |
| 5 | | | 75 | 247.5 | 12 39.6 |
| 6 | | | 67 | 221.1 | 17 56.1 |
| 7 | | | 51 | 168.3 | 15 49.5 |
| 8 | | | 61 | 201.3 | 14 46.2 |
| 9 | | | 60 | 198.0 | 9 29.7 |
| 10 | | | 80 | 264.0 | 25 82.5 |
| T | | | 2174.7 | | 511.5 |
| $\bar{x}$ | | 6.3 | 217.5 | | 51.2 |

Sertoli Cells: seen

Remarks:

E = 46.2 μ (2)

No. 15-244 Date VI/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 57 | 188.1 | 14 | 46.2 |
| 2 | | | 64 | 211.2 | 22 | 72.6 |
| 3 | | | 80 | 264.0 | 19 | 62.7 |
| 4 | | | 62 | 204.6 | 18 | 59.4 |
| 5 | | | 75 | 247.5 | 18 | 59.4 |
| 6 | | | 68 | 224.4 | 17 | 56.1 |
| 7 | | | 71 | 234.3 | 22 | 72.6 |
| 8 | | | 45 | 148.5 | 12 | 39.6 |
| 9 | | | 78 | 257.4 | 11 | 36.3 |
| 10 | | | 61 | 201.3 | 11 | 36.3 |
| T | | | | 2181.3 | | 541.2 |
| $\bar{x}$ | | 6.3 | | 218.1 | | 54.1 |

Sertoli Cells: seen

Remarks:

C= 42.9 μ (2)

No. 15-245 Date VI/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 6.3 | 56 - 184.8 | 13 - 42.9 |
| 2 | | 44 145.2 | 13 42.9 |
| 3 | | 50 165.0 | 10 33.0 |
| 4 | | 55 181.5 | 11 36.3 |
| 5 | | 52 171.6 | 12 39.6 |
| 6 | | 56 184.8 | 13 42.9 |
| 7 | | 54 178.2 | 20 66.0 |
| 8 | | 65 214.5 | 23 75.9 |
| 9 | | 64 211.2 | 15 49.5 |
| 10 | | 60 198.0 | 17 56.1 |
| T | | 1839.8 | 485.1 |
| $\bar{x}$ | 6.3 | 183.5 | 48.5 |

Sertoli Cells: seen

Remarks:

E = 46 24 (3)

No. 15-246 Date 11/60

Spermatogenic Condition 6

(2)

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 | 43 - 141.9 | 10 - 33.0 |
| 2 | 39 128.7 | 8 26.4 |
| 3 | 32 105.6 | 12 39.6 |
| 4 | 32 105.6 | 11 36.3 |
| 5 | 42 138.6 | 9 29.7 |
| 6 | 36 118.8 | 8 26.4 |
| 7 | 39 128.7 | 6 19.8 |
| 8 | 41 135.3 | 13 42.9 |
| 9 | 40 132.0 | 11 36.3 |
| 10 | 40 132.0 | 10 33.0 |
| T | 1267.2 | 323.4 |
| $\bar{x}$ | 126.7 | 32.3 |

Sertoli Cells: not seen

Remarks: stain faint

No. 15-247 Date VI/60

Spermatogenic Condition (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 87 - 287.1 | 10 - 33.0 |
| 2 | | 74 244.2 | 13 42.9 |
| 3 | | 77 254.1 | 13 42.9 |
| 4 | | 56 184.8 | 16 52.8 |
| 5 | | 69 227.7 | 21 69.3 |
| 6 | | 74 244.2 | 23 75.9 |
| 7 | | 54 178.2 | 11 36.3 |
| 8 | | 82 270.6 | 12 39.6 |
| 9 | | 78 257.4 | 17 56.1 |
| 10 | | 72 237.6 | 21 69.3 |
| T | | 2385.9 | 518.1 |
| $\bar{x}$ | 6.3 | 238.6 | 51.8 |

Sertoli Cells: seen

Remarks:

E = 39.6 μ (2)

No. 15-248 Date VI/60

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 69 - | 221.1 | 18 - | 59.4 |
| 2 | | | 57 | 188.1 | 15 | 49.5 |
| 3 | | | 60 | 198.0 | 16 | 52.8 |
| 4 | | | 75 | 247.5 | 12 | 39.6 |
| 5 | | | 56 | 184.8 | 12 | 39.6 |
| 6 | | | 50 | 165.0 | 15 | 49.5 |
| 7 | | | 63 | 207.9 | 15 | 49.5 |
| 8 | | | 60 | 198.0 | 22 | 72.6 |
| 9 | | | 70 | 231.0 | 25 | 82.5 |
| 10 | | | 62 | 204.6 | 14 | 46.2 |
| T | | | 2046.0 | | 541.2 | |
| $\bar{x}$ | 6.3 | | 204.6 | | 54.1 | |

Sertoli Cells: seen

Remarks:

E = 36.3 μ (3)

No. 15-249 Date VI/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 60 - 198.0 | 10 - 33.0 |
| 2 | | 62 204.6 | 10 33.0 |
| 3 | | 47 155.1 | 9 29.7 |
| 4 | | 51 168.3 | 15 49.5 |
| 5 | | 50 165.0 | 8 26.4 |
| 6 | | 58 191.4 | 20 66.0 |
| 7 | | 50 165.0 | 16 52.8 |
| 8 | | 62 204.6 | 12 39.6 |
| 9 | | | |
| 10 | | | |
| T | | 1452.0 | 330.0 |
| $\bar{x}$ | | 181.5 | 41.2 |

Sertoli Cells: seen

Remarks:

No. 15-250 Date 11/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 50 - 165.0 | 15 - 49.5 |
| 2 | | 42 138.6 | 11 36.3 |
| 3 | | 47 155.1 | 15 49.5 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 458.7 | 135.3 |
| $\bar{x}$ | | 152.9 | 45.1 |

Sertoli Cells: not seen

Remarks: tissue shredded

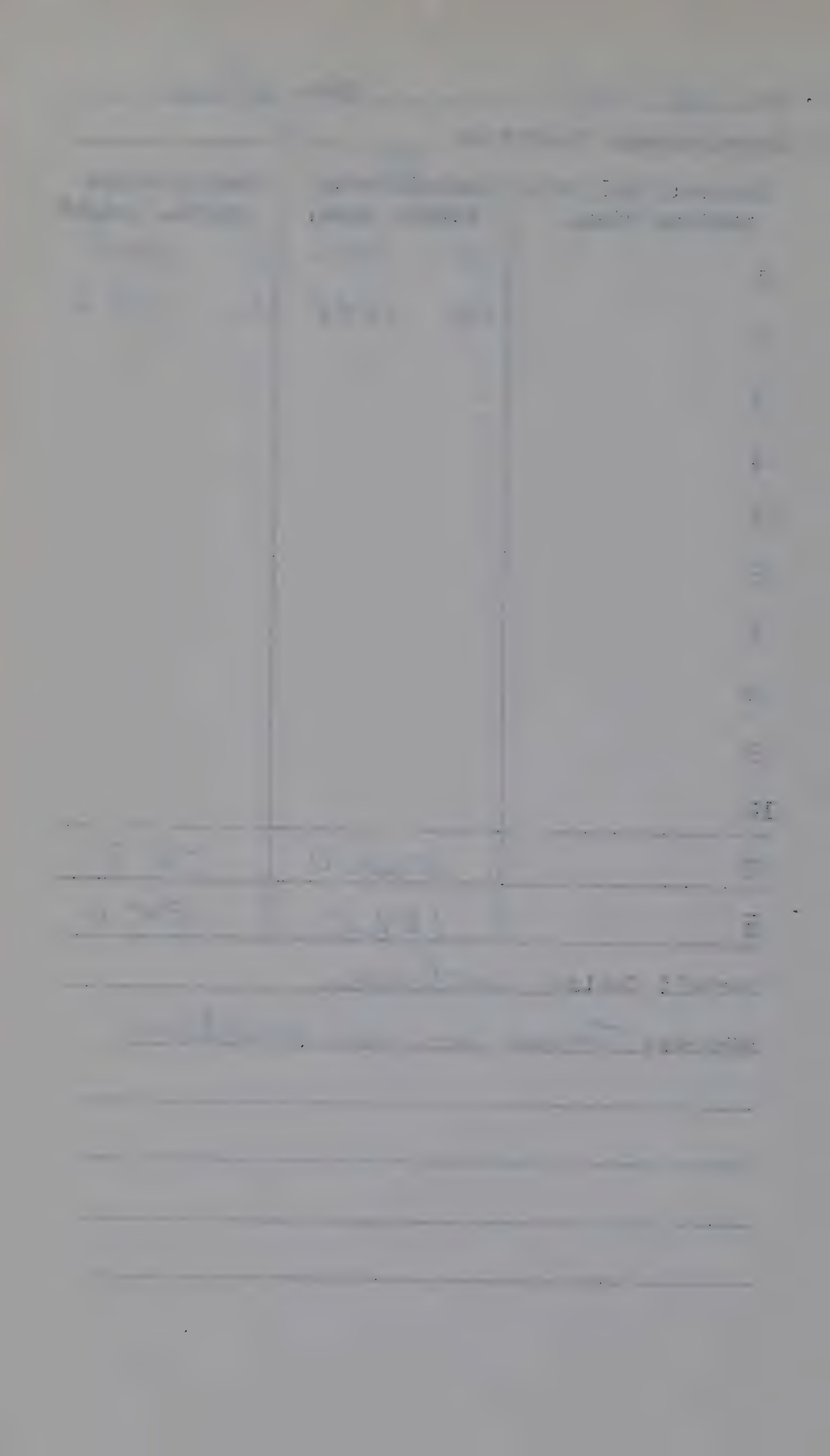
No. 15-252 Date VI/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 54 178.2 | 11 36.3 |
| 2 | | 54 184.8 | 12 39.6 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 363.0 | 75.9 |
| $\bar{x}$ | | 181.5 | 38.0 |

Sertoli Cells: not seen

Remarks: Tissue in poor condition



No. 15-253 Date VI/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 20 - 66.0 | |
| 2 | | 18 59.4 | |
| 3 | | 16 52.8 | |
| 4 | | 21 69.3 | |
| 5 | | 19 62.7 | |
| 6 | | 18 59.4 | |
| 7 | | 16 52.8 | |
| 8 | | 17 56.1 | |
| 9 | | 20 66.0 | |
| 10 | | 17 56.1 | |
| T | | 600.6 | |
| $\bar{x}$ | | 60.1 | |

Sertoli Cells: seen

Remarks:

No. 15-254 Date 11/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 57 - 188.1 | 10 - 33.0 |
| 2 | | 70 231.0 | 13 42.9 |
| 3 | | 39 128.7 | 6 19.8 |
| 4 | | 60 198.0 | 13 42.9 |
| 5 | | 64 211.2 | 21 69.3 |
| 6 | | 41 135.3 | 17 56.1 |
| 7 | | 94 310.2 | 20 66.0 |
| 8 | | 55 181.5 | 21 69.3 |
| 9 | | 66 217.8 | 11 36.3 |
| 10 | | 60 198.0 | 8 26.4 |
| T | | 1899.8 | 462.0 |
| $\bar{x}$ | | 190.0 | 46.2 |

Sertoli Cells: not seen

Remarks:

E= 49.5 μ (4)

No. 15-257 Date VI/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 64 | 211.2 | 22 | 72.6 |
| 2 | | | 57 | 188.1 | 15 | 49.5 |
| 3 | | | 79 | 260.7 | 17 | 56.1 |
| 4 | | | 79 | 260.7 | 21 | 69.3 |
| 5 | | | 78 | 257.4 | 17 | 56.1 |
| 6 | | | 63 | 207.9 | 14 | 46.2 |
| 7 | | | 63 | 207.9 | 11 | 36.3 |
| 8 | | | 60 | 198.0 | 16 | 52.8 |
| 9 | | | 57 | 188.1 | 14 | 46.2 |
| 10 | | | 56 | 184.8 | 14 | 46.2 |
| T | | | | 2164.8 | | 531.3 |
| $\bar{x}$ | | 6.3 | | 216.5 | | 53.1 |

Sertoli Cells: seen

Remarks:

$\bar{E}$ = 49.5 μ (1)

No. 15-258 Date 11/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 57 - | 188.1 | 11 - | 36.3 |
| 2 | | | 63 | 207.9 | 20 | 66.0 |
| 3 | | | 50 | 165.0 | 10 | 33.0 |
| 4 | | | 48 | 158.4 | 10 | 33.0 |
| 5 | | | 55 | 181.5 | 18 | 59.4 |
| 6 | | | 50 | 165.0 | 10 | 33.0 |
| 7 | | | 61 | 201.3 | 12 | 39.6 |
| 8 | | | 54 | 178.2 | 10 | 33.0 |
| 9 | | | 65 | 214.5 | 13 | 42.9 |
| 10 | | | 58 | 191.4 | 13 | 42.9 |
| T | | | | 1851.3 | | 419.1 |
| $\bar{x}$ | | 6.3 | | 185.1 | | 41.9 |

Sertoli Cells: none

Remarks:

E = 56.1 μ (3)

No. 15-259 Date VI/dec 0

Spermatogenic Condition [illegible] 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 42 - 138.6 | |
| 2 | | 38 125.4 | |
| 3 | | 41 135.3 | |
| 4 | | 33 108.9 | |
| 5 | | 29 95.7 | |
| 6 | | 40 132.0 | |
| 7 | | 29 95.7 | |
| 8 | | 30 99.0 | |
| 9 | | 35 115.5 | |
| 10 | | 34 118.8 | |
| T | | 1164.9 | |
| $\bar{x}$ | | 116.5 | |

Sertoli Cells: 2 cm

Remarks:

E = 29.7 μ

No. 15-261 Date 4/6/60

Spermatogenic Condition 6

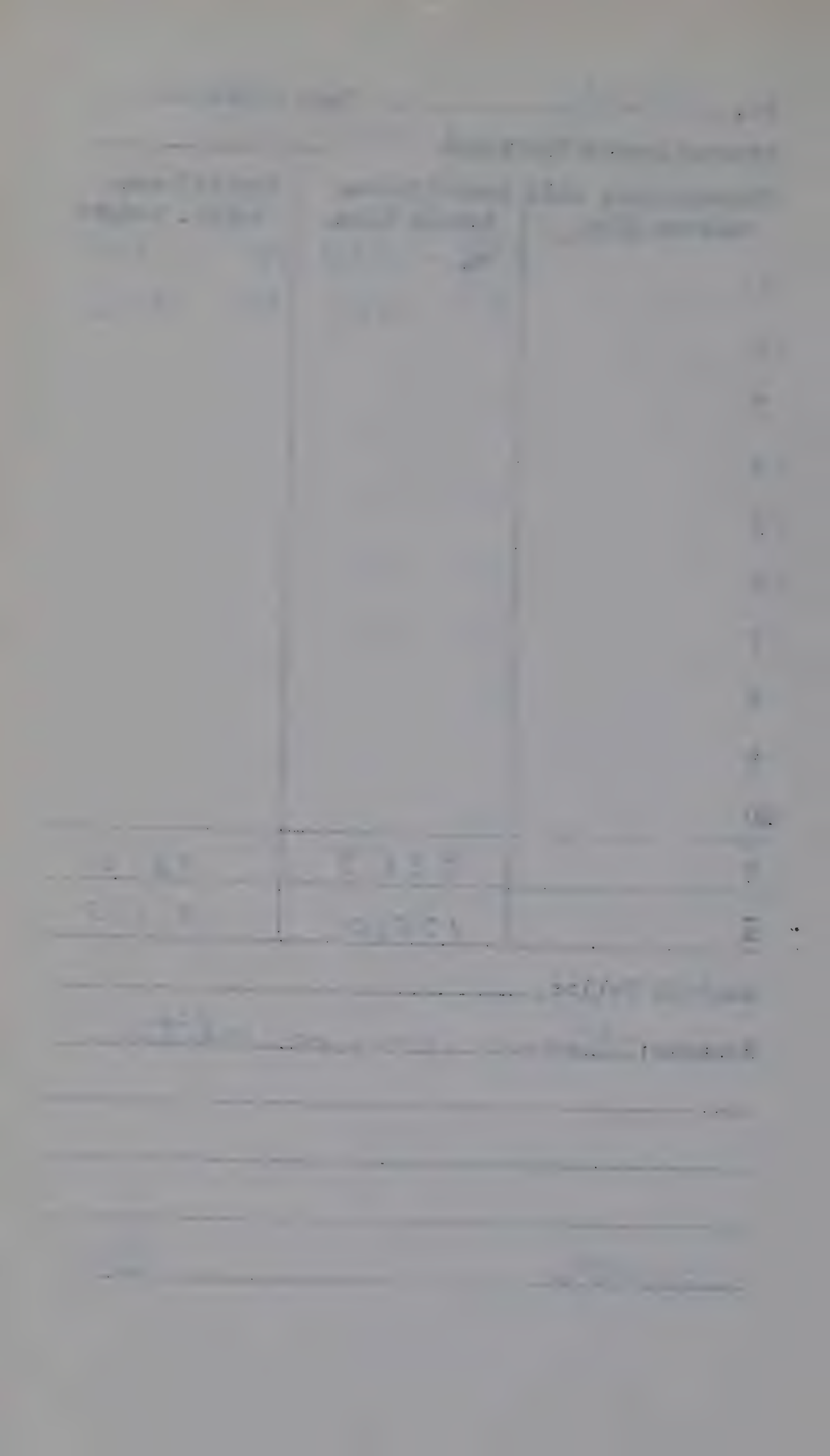
| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 146 - 151.8 | 10 - 33.0 |
| 2 | | 57 188.1 | 12 39.6 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 339.9 | 72.6 |
| $\bar{x}$ | | 170.0 | 36.3 |

Sertoli Cells:

Remarks: tissue in poor condition

E = 33.0 μ

(2)



No. 15-263 Date 11/60

Spermatogenic Condition (2) 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 165.0 | 13 42.9 |
| 2 | | 51 168.3 | 11 36.3 |
| 3 | | 48 158.4 | 11 36.3 |
| 4 | | 63 207.9 | 15 49.5 |
| 5 | | 57 188.1 | 13 42.9 |
| 6 | | 48 158.4 | 19 62.7 |
| 7 | | 60 198.0 | 16 52.8 |
| 8 | | 55 181.5 | 15 49.5 |
| 9 | | 65 214.5 | 20 66.0 |
| 10 | | 46 151.8 | 15 49.5 |
| T | | 1791.9 | 488.4 |
| $\bar{x}$ | 6.3 | 179.2 | 48.8 |

Sertoli Cells: seen

Remarks:

E = 24.7 μ (2)

No. 15-266 Date VI/60

Spermatogenic Condition P

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 64 | 211.2 | 25 - | 82.5 |
| | | | 76 | 250.5 | 15 | 49.5 |
| 2 | | | 68 | 224.4 | 13 | 42.9 |
| 3 | | | 59 | 194.7 | 13 | 42.9 |
| 4 | | | 78 | 257.4 | 14 | 46.2 |
| 5 | | | 50 | 165.0 | 11 | 36.3 |
| 6 | | | 58 | 191.4 | 10 | 33.0 |
| 7 | | | 50 | 165.0 | 12 | 39.6 |
| 8 | | | 66 | 217.8 | 12 | 39.6 |
| 9 | | | | | | |
| 10 | | | 74 | 244.2 | 18 | 59.4 |
| T | | | | 2121.9 | | 471.9 |
| $\bar{x}$ | | 6.3 | | 212.2 | | 47.2 |

Sertoli Cells: not seen

Remarks:

No. 15-269 Date VI/60

Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (12) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 85 – 250.5 | 20 66.0 |
| 2 | | 69 227.7 | 15 49.5 |
| 3 | | 57 188.1 | 17 56.1 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 696.3 | 171.6 |
| $\bar{x}$ | | 232.1 | 57.2 |

Sertoli Cells: not seen

Remarks: stain faint

E = 36.3 μ (3)

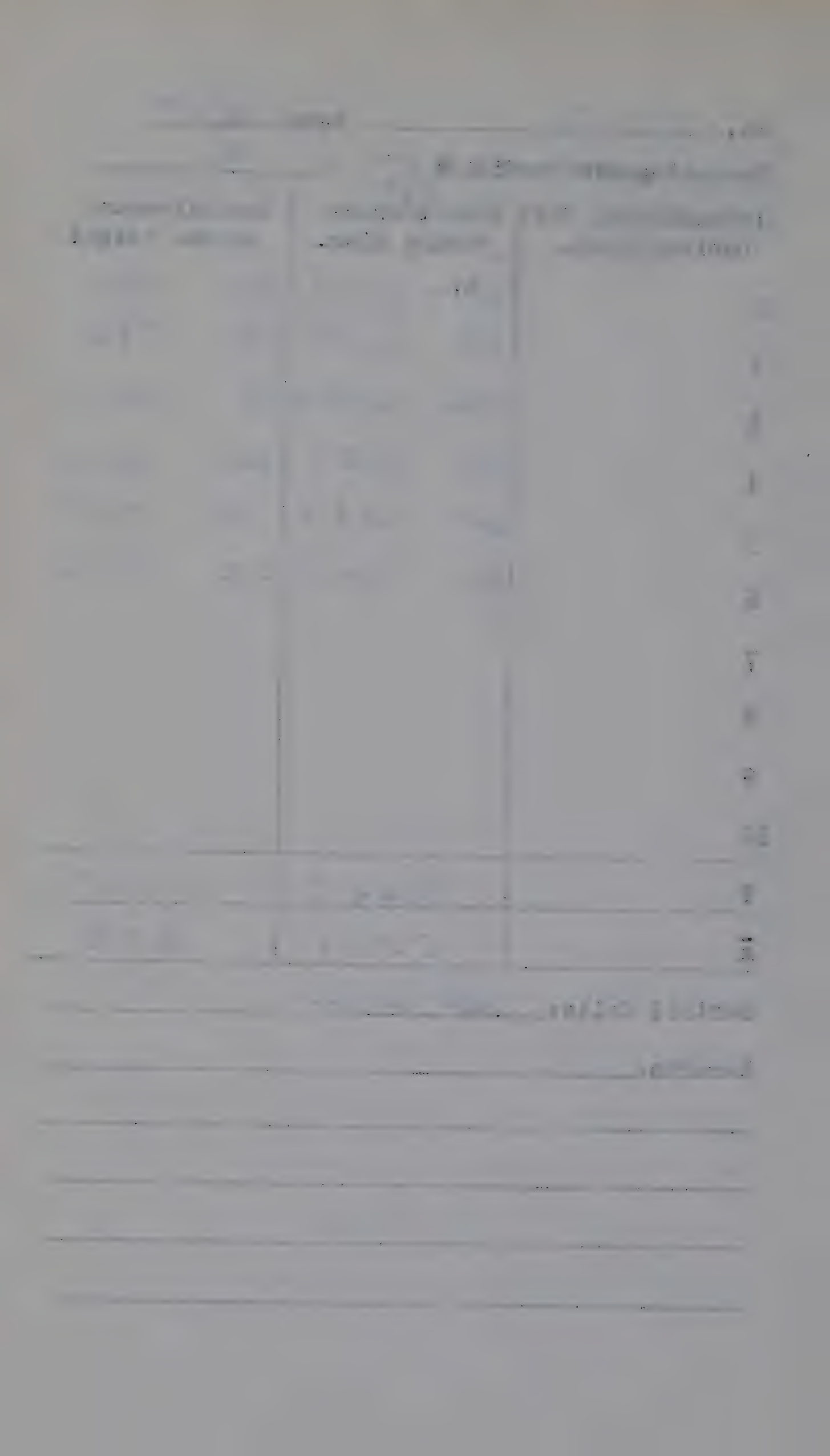
No. 15-271 Date 4/6/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 | | 75 | 257.4 | 30 | 99.0 |
| 2 | | 69 | 227.7 | 12 | 39.6 |
| 3 | | 62 | 204.6 | 19 | 62.7 |
| 4 | | 76 | 250.8 | 20 | 66.0 |
| 5 | | 68 | 224.4 | 13 | 42.9 |
| 6 | | 60 | 198.0 | 22 | 72.6 |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| T | | 1362.9 | | 352.8 | |
| $\bar{x}$ | | 227.1 | | 63.8 | |

Sertoli Cells: not seen

Remarks:



No. 15-5.272 Date 4/6/60

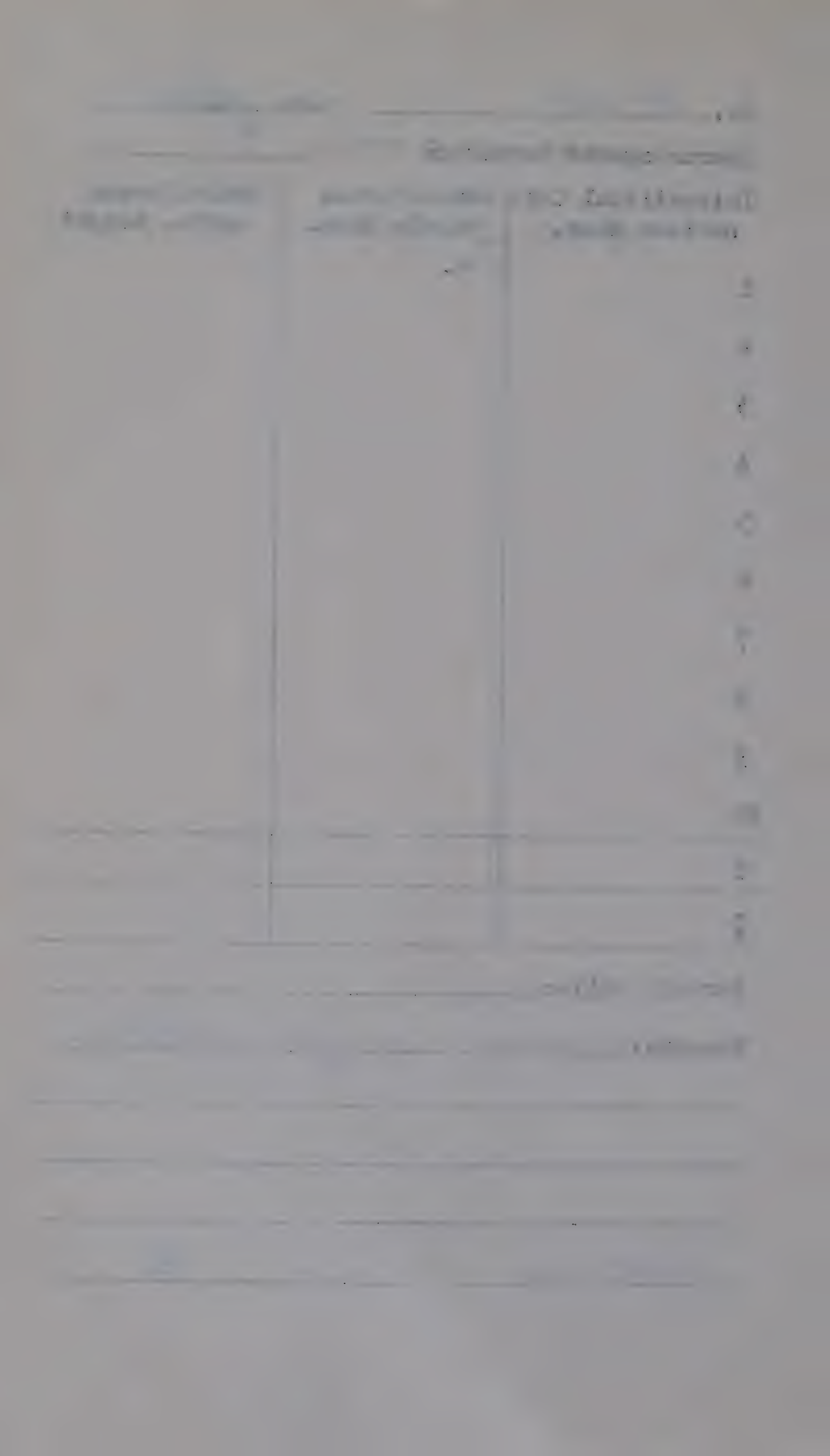
Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: testes in poor condition

E=39.64 (2)



No. 15-273 Date Nov 60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ. m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: tissue in poor condition

E = 39.6μ (3)

No. 15-274 Date 4/20

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ. m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: tissue shredded

No. 65-276 Date 4/6/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 5[illegible]7 | 188.1 | 12 | 39.6 |
| 2 | | | 69 | 227.7 | 17 | 56.1 |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 415.8 | | 95.7 | |
| $\bar{x}$ | 6 | 3 | 207.9 | | 47.8 | |

Sertoli Cells: not seen

Remarks: stain faint

No. 15-277 Date 4/6/60

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 133 - 171.6 | 10 33.0 |
| 2 | | 38 125.4 | 10 33.0 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 297.0 | |
| $\bar{x}$ | | 148.5 | 33.0 |

Sertoli Cells: not seen

Remarks: tissue in poor condition

No. 15-279 Date 6/1/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 49 - 161.7 | 13 42.9 |
| 2 | | 52 171.6 | 13 42.9 |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 333.3 | |
| $\bar{x}$ | | 166.7 | 42.9 |

Sertoli Cells: not seen

Remarks: tissue in poor condition

No. 15-251 Date 6/60

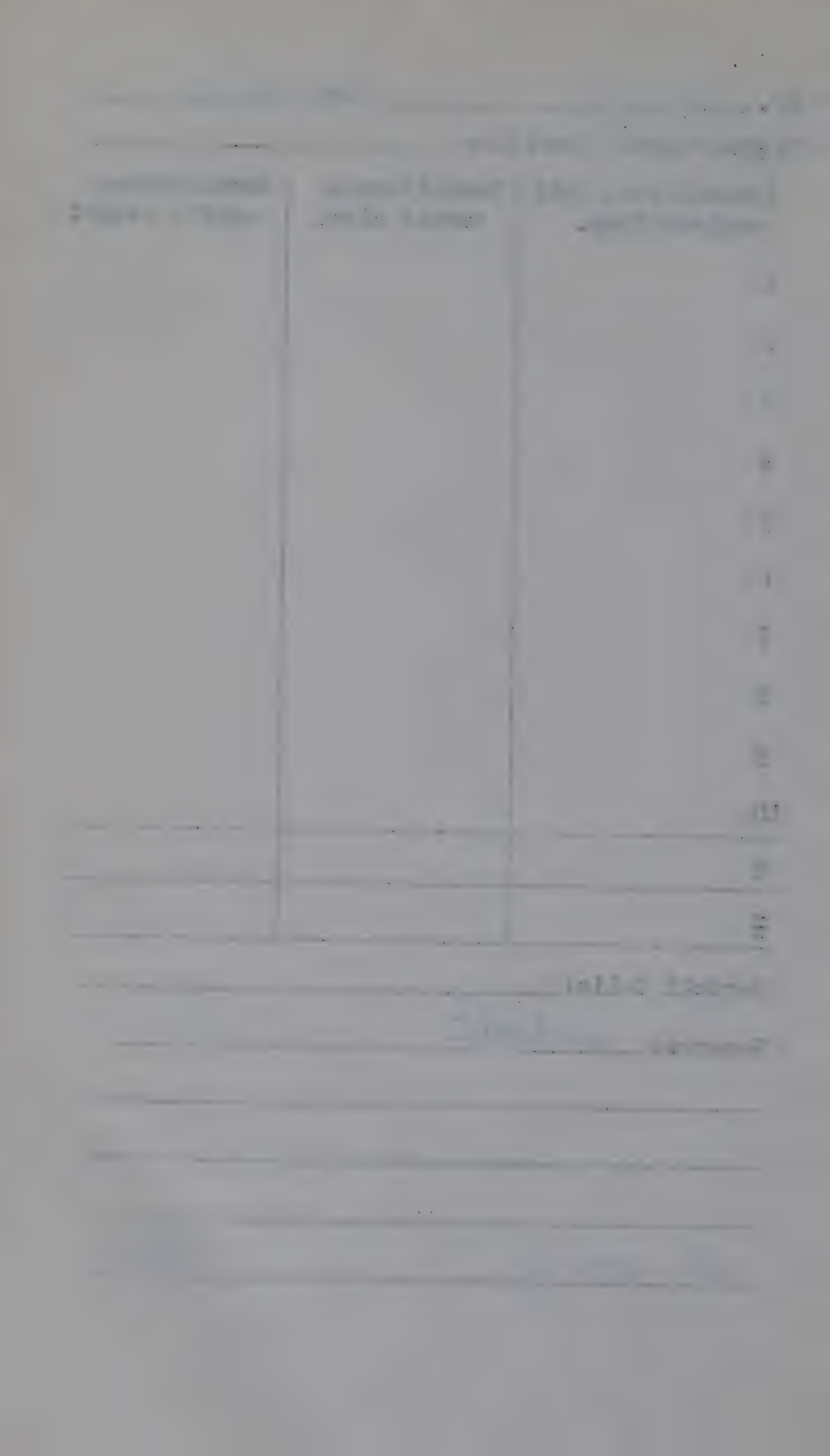
Spermatogenic Condition

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells:

Remarks: no testes

$\bar{E}$ = 39.6μ (3)



No. 15-283 Date 4/60

Spermatogenic Condition Co

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 72 - 237.6 | 30 - 99.0 |
| 2 | | 53 174.9 | 13 42.9 |
| 3 | | 46 151.8 | 10 33.0 |
| 4 | | 60 198.0 | 20 66.0 |
| 5 | | 69 227.7 | 20 66.0 |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 990.0 | 306.9 |
| $\bar{x}$ | | 198.0 | 61.4 |

Sertoli Cells: not seen

Remarks: stain faint

E=19.5 μ (3)

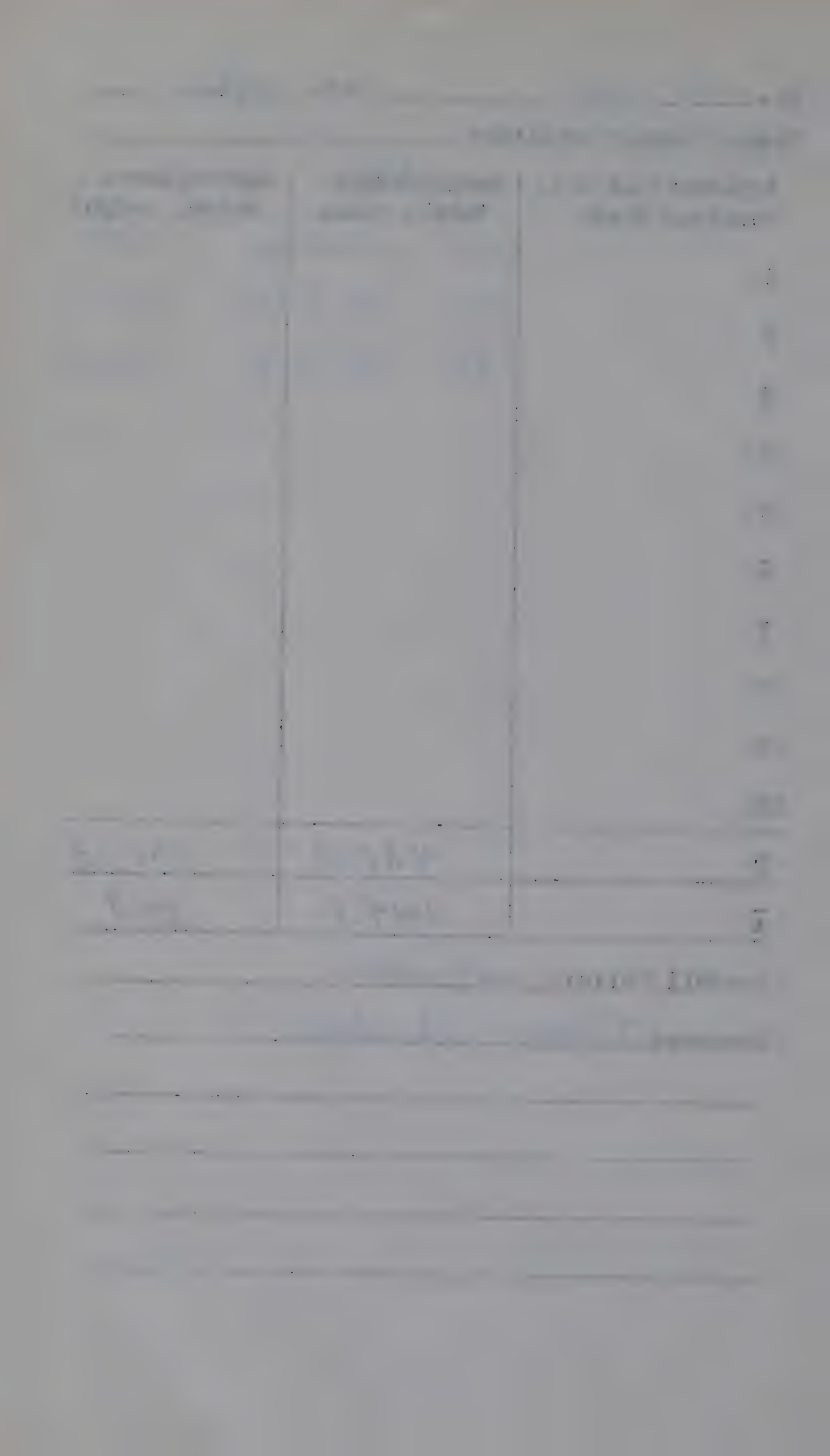
No. 15-254 Date 4/1/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 42 - 138.6 | 10 - 33.0 |
| 2 | | 39 128.7 | 10 33.0 |
| 3 | | 50 165.0 | 11 36.3 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 432.3 | 102.3 |
| $\bar{x}$ | | 144.1 | 34.1 |

Sertoli Cells: not seen

Remarks: Tissue shedded



No. 15-287 Date VI/6.0

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 55 181.5 | 20 66.0 |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | 181.5 | 66.0 |

Sertoli Cells: not seen

Remarks: testis in poor condition

C = 49.5 μ (3)

No. 15-289 Date VI/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 54 - 178.2 | 10 - 33.0 |
| 2 | | 51 168.3 | 13 42.9 |
| 3 | | 55 181.5 | 13 42.9 |
| 4 | | 33 105.9 | 12 39.6 |
| 5 | | 35 115.5 | 7 23.1 |
| 6 | | 34 118.5 | 8 26.4 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 871.2 | 207.9 |
| $\bar{x}$ | | 145.2 ~~87.1~~ | 34.6 ~~34.6~~ |

Sertoli Cells: not seen

Remarks:

~~? date doesn't fit~~

No. 15-290 Date 01/60

Spermatogenic Condition

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| T | | |
| $\bar{x}$ | | |

Sertoli Cells:

Remarks: no testes

No. 15-292 Date 4/60

Spermatogenic Condition 6

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| T | | |
| $\bar{x}$ | | |

Sertoli Cells:

Remarks: minute piece of testis

$\bar{E}$ = 62.7 μ (4)

no such animal

No. 15-294 Date VI/40

Spermatogenic Condition 0

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. (1) | Seminiferous epith. height |
|---|---|---|
| | 26 - 85.8 | |
| 1 | 23 75.9 | |
| 2 | 22 72.6 | |
| 3 | 24 79.2 | |
| 4 | 25 82.5 | |
| 5 | 22 72.6 | |
| 6 | 23 75.9 | |
| 7 | 20 66.0 | |
| 8 | 19 62.7 | |
| 9 | | |
| 10 | 25 82.5 | |
| T | 755.7 | |
| $\bar{x}$ | 75.4 | |

Sertoli Cells: seen

Remarks:

No. 15-297 Date VII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 42 - 138.6 | 6 - 19.8 |
| 2 | | 42 138.6 | 10 33.0 |
| 3 | | 44 145.2 | 11 36.3 |
| 4 | | 47 155.1 | 7 23.1 |
| 5 | | 35 115.5 | 10 33.0 |
| 6 | | 43 141.9 | 12 39.6 |
| 7 | | 38 125.4 | 10 33.0 |
| 8 | | 49 161.7 | 8 26.4 |
| 9 | | 44 145.2 | 8 26.4 |
| 10 | | 56 184.8 | 7 23.1 |
| T | | 1452.0 | 293.7 |
| $\bar{x}$ | | 145.2 | 29.4 |

Sertoli Cells: clear

Remarks: stain faint

Tubules 1 cell layer thick

No. 15-298 Date VII/60

Spermatogenic Condition #7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (7) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 40 | 132.0 | | |
| | | | 30 | 99.0 | | |
| 2 | | | | | | |
| | | | 47 | 155.1 | | |
| 3 | | | | | | |
| | | | 36 | 118.8 | | |
| 4 | | | | | | |
| | | | 34 | 112.2 | | |
| 5 | | | | | | |
| | | | 30 | 99.0 | | |
| 6 | | | | | | |
| | | | 49 | 161.7 | 14 | 46.2 |
| 7 | | | | | | |
| | | | 38 | 125.4 | | |
| 8 | | | | | | |
| | | | 33 | 108.9 | | |
| 9 | | | | | | |
| | | | 40 | 132.0 | | |
| 10 | | | | | | |
| T | | | | 1244.1 | | |
| $\bar{x}$ | | 6.3 | | 124.4 | | |

Sertoli Cells: seen

Remarks: lumen undistinct but sperm still present in Tubule

No. 15-300 Date VII/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 193 - 207.9 | 8 - 26.4 |
| 2 | | 60 198.0 | 7 23.1 |
| 3 | | 53 174.9 | 10 33.0 |
| 4 | | 52 171.6 | 6 19.8 |
| 5 | | 54 178.2 | 6 19.8 |
| 6 | | 54 178.2 | 10 33.0 |
| 7 | | 64 211.2 | 6 19.8 |
| 8 | | 55 181.5 | 8 26.4 |
| 9 | | 67 221.1 | 13 42.9 |
| 10 | | 58 191.4 | 13 42.9 |
| T | | 7914.0 | 287.1 |
| $\bar{x}$ | | 191.4 | 28.7 |

Sertoli Cells: seen

Remarks:

E = 10.5 μ (1)

No. 15-301 Date VII/60

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 60 | 198.0 | 14 - | 46.2 |
| 2 | | | 47 | 155.1 | 10 | 33.0 |
| 3 | | | 62 | 204.6 | 18 | 59.4 |
| 4 | | | 48 | 158.4 | 10 | 33.0 |
| 5 | | | 62 | 204.6 | 10 | 33.0 |
| 6 | | | 62 | 204.6 | 9 | 29.7 |
| 7 | | | ~~53~~ 51 | 168.3 | 9 | 29.7 |
| 8 | | | 45 | 148.5 | 13 | 42.9 |
| 9 | | | 42 | 138.6 | 10 | 33.0 |
| 10 | | | 50 | 165.0 | 13 | 42.9 |
| T | | | | 1745.7 | | 382.8 |
| $\bar{x}$ | | 6.3 | | 174.6 | | 38.3 |

Sertoli Cells: seen

Remarks:

E = 33.0 μ (2)

No. 15-303 Date 6/1/60

Spermatogenic Condition (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 6.3 | 215 - 214.5 | 12 - 39.6 |
| 2 | | 41 135.3 | 11 36.3 |
| 3 | | 41 135.3 | 8 26.4 |
| 4 | | 45 148.5 | 12 39.6 |
| 5 | | 48 158.4 | 15 49.5 |
| 6 | | 47 155.1 | 11 36.3 |
| 7 | | 47 155.1 | 10 33.0 |
| 8 | | 48 158.4 | 10 33.0 |
| 9 | | 62 204.6 | 13 42.9 |
| 10 | | 45 148.5 | 7 23.1 |
| T | | 1613.7 | 359.7 |
| $\bar{x}$ | 6.3 | 161.4 | 36.0 |

Sertoli Cells: Open

Remarks:

E = 89.6 µ (3)

No. 15-304 Date 4/6/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 93 - 141.9 | 10 - 33.0 |
| 2 | | 41 135.3 | 11 36.3 |
| 3 | | 33 108.9 | 10 33.0 |
| 4 | | 53 174.9 | 16 52.8 |
| 5 | | 59 194.7 | 17 56.1 |
| 6 | | 47 155.1 | 8 26.4 |
| 7 | | 44 145.2 | 10 33.0 |
| 8 | | 44 145.2 | 9 29.7 |
| 9 | | 38 125.4 | 5 16.5 |
| 10 | | 41 135.3 | 12 39.4 |
| T | | 1461.9 | 356.4 |
| $\bar{x}$ | 6.3 | 146.2 | 35.6 |

Sertoli Cells: seen

Remarks:

C = 42.9 (2)

No. 15-307 Date Vld/60

Spermatogenic Condition 7

| Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 | 7 6.3 | 57 | 188.1 | 7 | 23.1 |
| 2 | | 44 | 145.2 | 10 | 33.0 |
| 3 | | 55 | 181.5 | 12 | 39.6 |
| 4 | | 66 | 217.8 | 11 | 36.3 |
| 5 | | 53 | 174.9 | 7 | 23.1 |
| 6 | | 59 | 194.7 | 11 | 36.3 |
| 7 | | 57 | 188.1 | 11 | 36.3 |
| 8 | | 61 | 201.3 | 20 | 66.0 |
| 9 | | 46 | 151.8 | 11 | 36.3 |
| 10 | | 53 | 174.9 | 10 | 33.0 |
| T | | | 1818.3 | | 363.0 |
| $\bar{x}$ | 6.3 | | 181.8 | | 36.3 |

Sertoli Cells: [illegible]

Remarks:

E= 36.3 μ

(2)

No. 15-308 Date Val/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 54 - 178.2 | 13 - 42.9 |
| 2 | | 64 211.2 | 11 36.3 |
| 3 | | 67 221.1 | 15 49.5 |
| 4 | | 47 155.1 | 7 23.1 |
| 5 | | 49 161.7 | 13 42.9 |
| 6 | | 53 174.9 | 14 46.2 |
| 7 | | 58 191.4 | 12 39.6 |
| 8 | | 45 148.5 | 14 46.2 |
| 9 | | 47 155.1 | 10 33.0 |
| 10 | | 58 191.4 | 10 33.0 |
| T | | 1788.6 | 392.7 |
| $\bar{x}$ | 6.3 | 178.9 | 39.3 |

Sertoli Cells: seen

Remarks:

E = 56.1 4

(3)

No. 15-309 Date VII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 58 | 191.4 | 8 - 26.4 |
| 2 | | | 50 | 165.0 | 9 29.7 |
| 3 | | | 39 | 128.7 | 9 29.7 |
| 4 | | | 57 | 188.1 | 9 29.7 |
| 5 | | | 41 | 135.3 | 6 19.8 |
| 6 | | | 43 | 141.9 | 8 26.4 |
| 7 | | | 64 | 211.2 | 10 33.0 |
| 8 | | | 50 | 165.0 | 16 52.8 |
| 9 | | | 66 | 217.8 | 8 26.4 |
| 10 | | | 58 | 191.4 | 9 29.7 |
| T | | | | 1735.8 | 303.6 |
| $\bar{x}$ | | 6.3 | | 173.6 | 30.4 |

Sertoli Cells: seen

Remarks:

E= 36.3 4

(2)

No. 15-310 Date VII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 64 - 211.2 | 14 - 46.2 |
| 2 | | 52 171.6 | 14 46.2 |
| 3 | | 53 174.9 | 15 49.5 |
| 4 | | 45 148.5 | 14 46.2 |
| 5 | | 55 181.5 | 20 66.0 |
| 6 | | 60 198.0 | 15 49.5 |
| 7 | | 54 178.2 | 13 42.9 |
| 8 | | 67 221.1 | 14 46.2 |
| 9 | | 54 178.2 | 16 52.8 |
| 10 | | 48 158.4 | 12 39.6 |
| T | | 1821.6 | 485.1 |
| $\bar{x}$ | 6.3 | 182.2 | 48.5 |

Sertoli Cells: seen

Remarks:

E = 19.5 μ (2)

No. 15-312 Date VII/60

Spermatogenic Condition 7

| Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|
| 1 | 3 6.3 | 30 | 99.0 | 9 - | 29.7 |
| 2 | | 30 | 99.0 | 9 | 29.7 |
| 3 | | 29 | 95.7 | 12 | 39.6 |
| 4 | | 31 | 102.3 | 12 | 39.6 |
| 5 | | 26 | 85.8 | 8 | 26.4 |
| 6 | | 23 | 75.9 | 8 | 26.4 |
| 7 | | 28 | 92.4 | 9 | 29.7 |
| 8 | | 25 | 82.5 | 11 | 36.3 |
| 9 | | 30 | 99.0 | 10 | 33.0 |
| 10 | | 25 | 82.5 | 6 | 19.8 |
| T | | 914.1 | | 310.2 | |
| $\bar{x}$ | 6.3 | 91.4 | | 31.0 | |

Sertoli Cells: seen

Remarks:

No. 15-313 Date VII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 55 - 181.5 | 10 - 33.0 |
| 2 | | 48 158.4 | 13 42.9 |
| 3 | | 50 165.0 | 11 36.3 |
| 4 | | 51 168.3 | 10 33.0 |
| 5 | | 47 155.1 | 7 23.1 |
| 6 | | 36 118.8 | 5 16.5 |
| 7 | | 45 148.5 | 10 33.0 |
| 8 | | 46 151.8 | 13 42.9 |
| 9 | | 50 165.0 | 15 49.5 |
| 10 | | 45 148.5 | 10 33.0 |
| T | | 1540.9 | 343.2 |
| $\bar{x}$ | 6.3 | 156.1 | 34.3 |

Sertoli Cells: seen

Remarks:

$\bar{x}$ = 36.3 μ (2)

No. 15-315 Date VII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 49 - 161.7 | 16 - 52.8 |
| 2 | | | 59 194.7 | 12 39.6 |
| 3 | | | 58 191.4 | 17 56.1 |
| 4 | | | 59 194.7 | 18 59.4 |
| 5 | | | 61 201.3 | 14 46.2 |
| 6 | | | 60 198.0 | 21 69.3 |
| 7 | | | 55 181.5 | 18 59.4 |
| 8 | | | 50 165.0 | 19 62.7 |
| 9 | | | 53 174.9 | 17 56.1 |
| 10 | | | 50 165.0 | 16 52.8 |
| T | | | 1828.2 | 554.4 |
| $\bar{x}$ | | 6.3 | 182.8 | 55.4 |

Sertoli Cells: clear

Remarks:

E = 39.6μ (2)

No. 15-316 Date VII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 32 - 105.6 | 9 - 29.7 |
| 2 | | 30 99.0 | 10 33.0 |
| 3 | | 30 99.0 | 10 33.0 |
| 4 | | 36 118.8 | 12 39.6 |
| 5 | | 35 115.5 | 11 36.3 |
| 6 | | 37 122.1 | 10 33.0 |
| 7 | | 37 122.1 | 17 56.1 |
| 8 | | 38 125.4 | 15 49.5 |
| 9 | | 41 135.3 | 13 42.9 |
| 10 | | 35 115.5 | 14 46.2 |
| T | | 1157.9 | 399.3 |
| $\bar{x}$ | 6.3 | 115.8 | 39.9 |

Sertoli Cells: none

Remarks:

E= 29.7 μ (2)

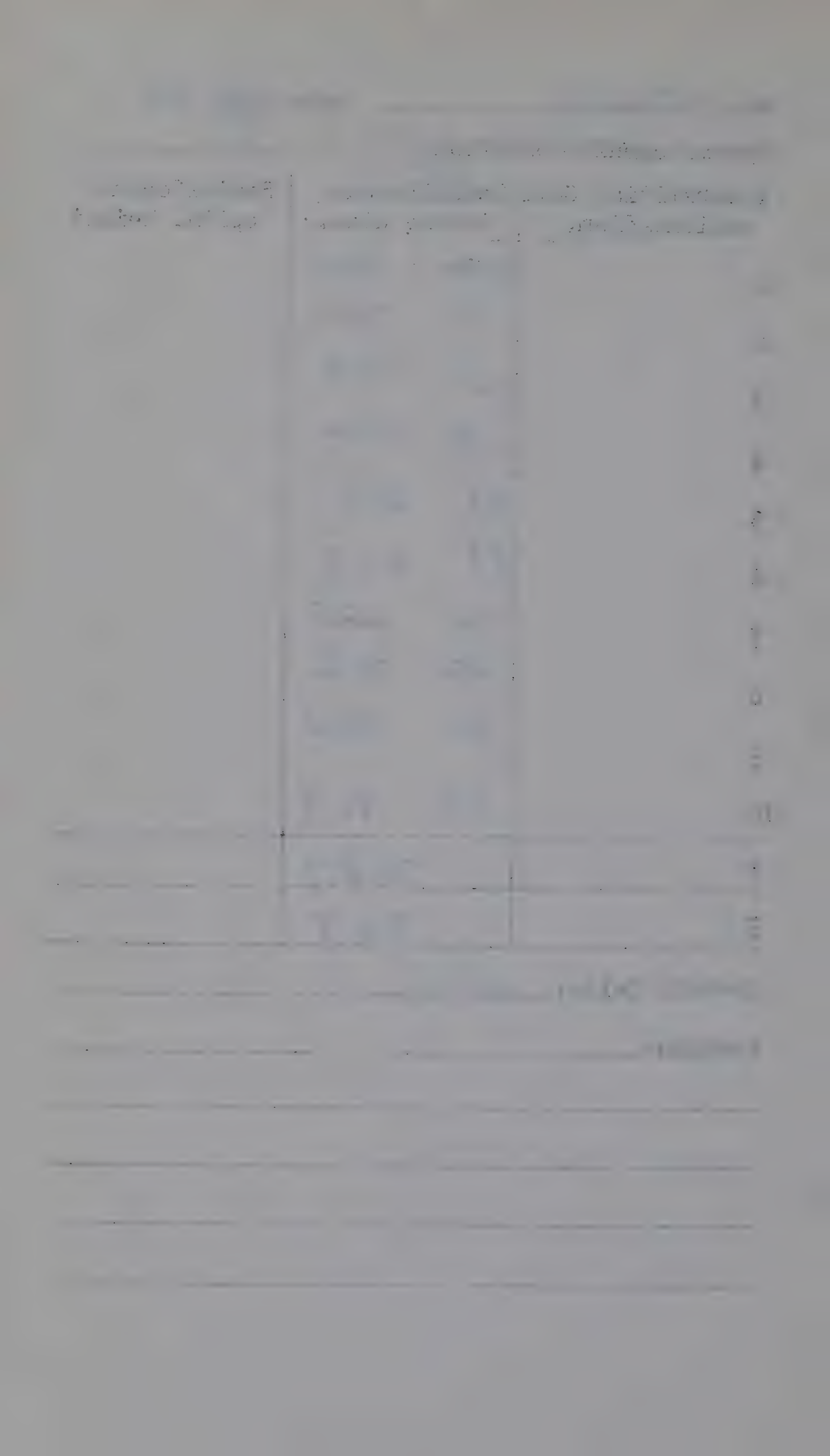
No. 15-317 Date 1/16/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 72.6 | |
| 2 | | 79.2 | |
| 3 | | 72.6 | |
| 4 | | 79.2 | |
| 5 | | 69.3 | |
| 6 | | 62.7 | |
| 7 | | 66.0 | |
| 8 | | 72.6 | |
| 9 | | 102.3 | |
| 10 | | 92.4 | |
| T | | 768.9 | |
| $\bar{x}$ | | 76.9 | |

Sertoli Cells: seen

Remarks:



No. 15-318 Date Oct 60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 23 - 75.9 | |
| 2 | | 20 66.0 | |
| 3 | | 28 92.4 | |
| 4 | | 18 59.4 | |
| 5 | | 20 66.0 | |
| 6 | | 19 62.7 | |
| 7 | | 22 72.6 | |
| 8 | | 23 75.9 | |
| 9 | | 23 75.9 | |
| 10 | | 20 66.0 | |
| T | | 712.8 | |
| $\bar{x}$ | | 71.3 | |

Sertoli Cells: seen

Remarks:

No. 15-319 Date 4.61/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 3 105.6 | 13 42.9 |
| 2 | | 34 112.2 | 10 33.0 |
| 3 | | 31 102.3 | 10 33.0 |
| 4 | | 31 102.3 | 14 46.2 |
| 5 | | 36 118.8 | 12 39.6 |
| 6 | | 32 105.6 | 10 33.0 |
| 7 | | 37 122.1 | 9 29.7 |
| 8 | | 54 178.2 | 18 59.4 |
| 9 | | 36 118.8 | 13 42.9 |
| 10 | | 32 105.6 | 11 36.3 |
| T | | 1171.5 | 396.0 |
| $\bar{x}$ | 6.3 | 117.2 | 39.6 |

Sertoli Cells: seen

Remarks:

E = 39.6 μ (1)

No. 15-320 Date V14/60

Spermatogenic Condition 8

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 3 6.3 | 23 - 75.9 | |
| 2 | 25 82.5 | |
| 3 | 27 89.1 | |
| 4 | 22 72.6 | |
| 5 | 26 85.8 | |
| 6 | 28 92.4 | |
| 7 | 29 95.7 | |
| 8 | 25 82.5 | |
| 9 | 25 82.5 | |
| 10 | 24 79.2 | |
| T | 838.2 | |
| $\bar{x}$ 6.3 | 83.8 | |

Sertoli Cells: Seen

Remarks:

No. 15-321 Date 6/11/60

Spermatogenic Condition 7 (2)

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 30 - 99.0 | 8 - 26.4 |
| 2 | | 39 128.7 | 9 29.7 |
| 3 | | 30 99.0 | 8 26.4 |
| 4 | | 33 108.9 | 8 26.4 |
| 5 | | 33 108.9 | 7 23.1 |
| 6 | | 37 122.1 | 8 26.4 |
| 7 | | 27 89.1 | 7 23.1 |
| 8 | | 35 115.5 | 7 23.1 |
| 9 | | 34 112.2 | 9 29.7 |
| 10 | | 35 115.5 | 9 29.7 |
| T | | 1098.9 | 264.0 |
| $\bar{x}$ | 6.3 | 109.9 | 26.4 |

Sertoli Cells: very few

Remarks:

E = 380 μ (3)

No. 15-324 Date VIII/60

Spermatogenic Condition 3

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 28 | 92.4 | |
| 2 | 2 | 4.2 | 30 | 99.0 | |
| 3 | 3 | 6.3 | 33 | 108.9 | |
| 4 | 2 | 4.2 | 30 | 99.0 | |
| 5 | | | 29 | 95.7 | |
| 6 | | | 35 | 115.5 | |
| 7 | | | 36 | 118.8 | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| T | | 18.9 | 7 | 29.3 | |
| $\bar{x}$ | | 4.7 | | 104.2 | |

Sertoli Cells: seen

Remarks:

No. 15-328 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 36 118.8 | |
| 2 | | 31 102.3 | |
| 3 | | 33 108.9 | |
| 4 | | 31 102.3 | |
| 5 | | 30 99.0 | |
| 6 | | 33 108.9 | |
| 7 | | 36 118.8 | |
| 8 | | 31 102.3 | |
| 9 | | 26 85.8 | |
| 10 | | 39 128.7 | |
| T | | 1075.8 | |
| $\bar{x}$ | | 107.6 | |

Sertoli Cells: seen

Remarks: parvis 7+

E = 23.1μ (2)

No. C-336 Date VIII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 34 118.8 | 9 - 29.7 |
| 2 | | 31 102.3 | 10 33.0 |
| 3 | | 37 122.1 | 12 39.6 |
| 4 | | 34 112.2 | 10 33.0 |
| 5 | | 35 115.5 | 9 29.7 |
| 6 | | 38 125.4 | 10 33.0 |
| 7 | | 35 115.5 | 12 39.6 |
| 8 | | 32 105.6 | 13 42.9 |
| 9 | | 32 105.6 | 9 29.7 |
| 10 | | 34 112.2 | 10 33.0 |
| T | | 1135.2 | 343.2 |
| $\bar{x}$ | | 113.5 | 34.3 |

Sertoli Cells: Rare

Remarks:

E = 34.3 (1)

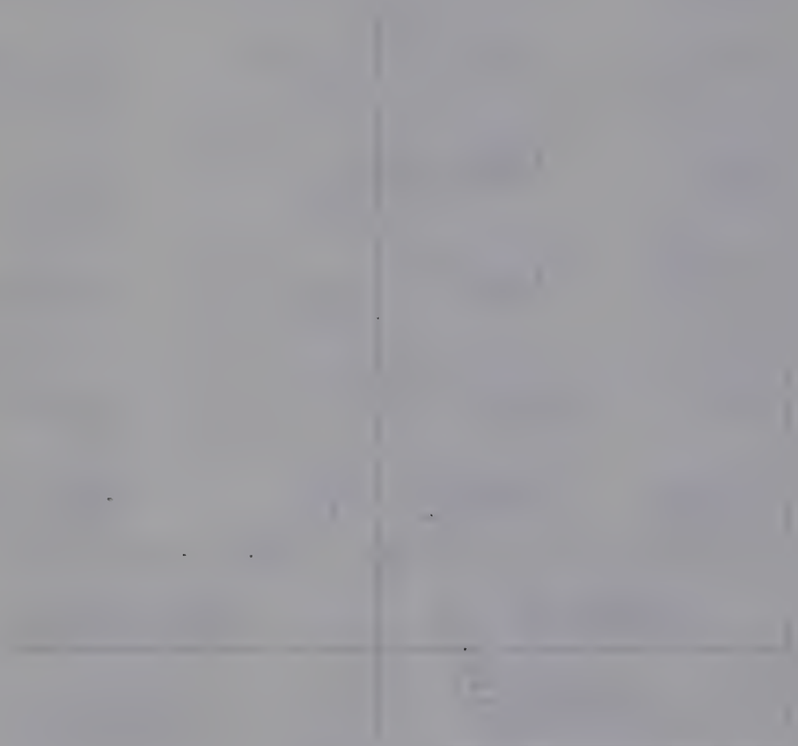
No. 15-337 Date VIII/60

Spermatogenic Condition 7

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 45 | 148.5 | 12 | 39.6 |
| 2 | | | 38 | 125.4 | 9 | 29.7 |
| 3 | | | 52 | 171.6 | 8 | 26.4 |
| 4 | | | 44 | 145.2 | 9 | 29.7 |
| 5 | | | 46 | 151.8 | 12 | 39.6 |
| 6 | | | 47 | 155.1 | 10 | 33.0 |
| 7 | | | 40 | 132.0 | 6 | 19.8 |
| 8 | | | 49 | 161.7 | 12 | 39.4 |
| 9 | | | 35 | 115.5 | 5 | 16.5 |
| 10 | | | 43 | 141.9 | 9 | 29.7 |
| T | | | 1448.7 | | 303.6 | |
| $\bar{x}$ | 6.3 | | 144.9 | | 30.4 | |

Sertoli Cells: seen

Remarks:



No. 15-338 Date V11/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | | 21. | 69.3 | |
| 2 | | 21 | 69.3 | |
| 3 | | 18 | 59.4 | |
| 4 | | 16 | 52.8 | |
| 5 | | 23 | 75.9 | |
| 6 | | 25 | 82.5 | |
| 7 | | 21 | 69.3 | |
| 8 | | 20 | 66.0 | |
| 9 | | 29 | 95.7 | |
| 10 | | 18 | 59.4 | |
| T | | | 699.6 | |
| $\bar{x}$ | | | 70.0 | |

Sertoli Cells: seen

Remarks: stain faint

No. 15-339 Date VII/60

Spermatogenic Condition 8

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 3 6.3 | 29 - 79.2 | |
| 2 | 26 85.8 | |
| 3 | 23 75.9 | |
| 4 | 23 75.9 | |
| 5 | 29 95.7 | |
| 6 | 23 75.9 | |
| 7 | 30 99.0 | |
| 8 | 23 75.9 | |
| 9 | 25 82.5 | |
| 10 | 24 79.2 | |
| T | 825.0 | |
| $\bar{x}$ 6.3 | 82.5 | |

Sertoli Cells: seen

Remarks:

$\bar{E} = 29.7\ \mu$

(1)

No. 15-341 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 24 79.2 | |
| 2 | | 24 79.2 | |
| 3 | | 22 72.6 | |
| 4 | | 25 82.5 | |
| 5 | | 20 66.0 | |
| 6 | | 23 75.9 | |
| 7 | | 26 85.8 | |
| 8 | | 23 75.9 | |
| 9 | | 21 69.3 | |
| 10 | | 22 72.4 | |
| T | | 759.0 | |
| $\bar{x}$ | 6.3 | 75.9 | |

Sertoli Cells: nuclei

Remarks:

No. 5-342 Date VII/40

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 5 | 6.3 | 37 | 122.1 | |
| 2 | | | 39 | 128.7 | |
| 3 | | | 32 | 105.6 | |
| 4 | | | 38 | 125.4 | |
| 5 | | | 44 | 145.2 | |
| 6 | | | 45 | 148.5 | |
| 7 | | | 36 | 118.8 | |
| 8 | | | 30 | 99.0 | |
| 9 | | | 22 | 72.6 | |
| 10 | | | 35 | 115.5 | |
| T | | | | 1181.4 | |
| $\bar{x}$ | | 6.3 | | 118.1 | |

Sertoli Cells: Nuclei

Remarks:

No. 15-343 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 24 | 79.2 | |
| 2 | | | 19 | 62.7 | |
| 3 | | | 21 | 69.3 | |
| 4 | | | 23 | 75.9 | |
| 5 | | | 25 | 82.5 | |
| 6 | | | 22 | 72.6 | |
| 7 | | | 19 | 62.7 | |
| 8 | | | 26 | 85.8 | |
| 9 | | | 22 | 72.6 | |
| 10 | | | 27 | 89.1 | |
| T | | | | 752.4 | |
| $\bar{x}$ | | 6.3 | | 75.2 | |

Sertoli Cells: seen

Remarks:

No. 15-344 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 20 - 66.0 | |
| | | 22 72.6 | |
| 2 | | 23 75.9 | |
| 3 | | 29 95.7 | |
| 4 | | 29 95.7 | |
| 5 | | 26 85.8 | |
| 6 | | 22 72.6 | |
| 7 | | 24 79.2 | |
| 8 | | 21 69.3 | |
| 9 | | 25 82.5 | |
| 10 | | | |
| T | | 795.3 | |
| $\bar{x}$ | 6.3 | 79.5 | |

Sertoli Cells: seen

Remarks:

No. 15-345 Date VIII/46

Spermatogenic Condition 8 4

| | Interstitial Cell nuclear diam. | | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 27 - 89.1 | |
| 2 | | | 28 92.4 | |
| 3 | | | 28 92.4 | |
| 4 | | | 30 99.0 | |
| 5 | | | 33 108.9 | |
| 6 | | | 24 85.8 | |
| 7 | | | 28 92.4 | |
| 8 | | | 30 99.0 | |
| 9 | | | 28 92.4 | |
| 10 | | | 32 105.6 | |
| T | | | 95-7.0 | |
| $\bar{x}$ | 6.3 | | 95.7 | |

Sertoli Cells: seen

Remarks:

No. 15-347 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 30 - 99.0 | |
| 2 | | 29 95.7 | |
| 3 | | 22 72.6 | |
| 4 | | 25 82.5 | |
| 5 | | 30 99.0 | |
| 6 | | 23 75.9 | |
| 7 | | 20 66.0 | |
| 8 | | 19 62.7 | |
| 9 | | 20 66.0 | |
| 10 | | 25 82.5 | |
| T | | 801.9 | |
| $\bar{x}$ | 6.3 | 80,2 | |

Sertoli Cells: seen

Remarks:

No. 15-348 Date VIII/60

Spermatogenic Condition 7 (7)

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 27 | 89.1 | 8 | 26.4 |
| 2 | | | 23 | 75.9 | 8 | 26.4 |
| 3 | | | 29 | 95.7 | 10 | 33.0 |
| 4 | | | 24 | 79.2 | 9 | 29.7 |
| 5 | | | 33 | 108.9 | 10 | 33.0 |
| 6 | | | 29 | 95.7 | 9 | 29.7 |
| 7 | | | 31 | 102.3 | 10 | 33.0 |
| 8 | | | 33 | 108.9 | 11 | 36.3 |
| 9 | | | 34 | 112.2 | 8 | 26.4 |
| 10 | | | 27 | 89.1 | 7 | 23.1 |
| T | | | | 957.0 | | 297.0 |
| $\bar{x}$ | | 6.3 | | 95.7 | | 29.7 |

Sertoli Cells: ncm

Remarks:

No. 15-350 Date VIII/60

Spermatogenic Condition 8 (2)

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 21 | 69.3 | |
| 2 | | | 24 | 79.2 | |
| 3 | | | 24 | 79.2 | |
| 4 | | | 24 | 79.2 | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| T | | | | 306.9 | |
| $\bar{x}$ | | 6.3 | | 76.7 | |

Sertoli Cells: seen

Remarks: small piece of tissue

EC 29.7 μ (2)

No. 15-352 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 22 | 72.6 | |
| | | | 23 | 75.9 | |
| 2 | | | 21 | 69.3 | |
| 3 | | | 25 | 82.5 | |
| 4 | | | 26 | 85.8 | |
| 5 | | | 25 | 82.5 | |
| 6 | | | 32 | 105.6 | |
| 7 | | | 23 | 75.9 | |
| 8 | | | 29 | 95.7 | |
| 9 | | | 27 | 89.1 | |
| 10 | | | | | |
| T | | | 834.9 | | |
| $\bar{x}$ | 6.3 | | 83.5 | | |

Sertoli Cells: seen

Remarks:

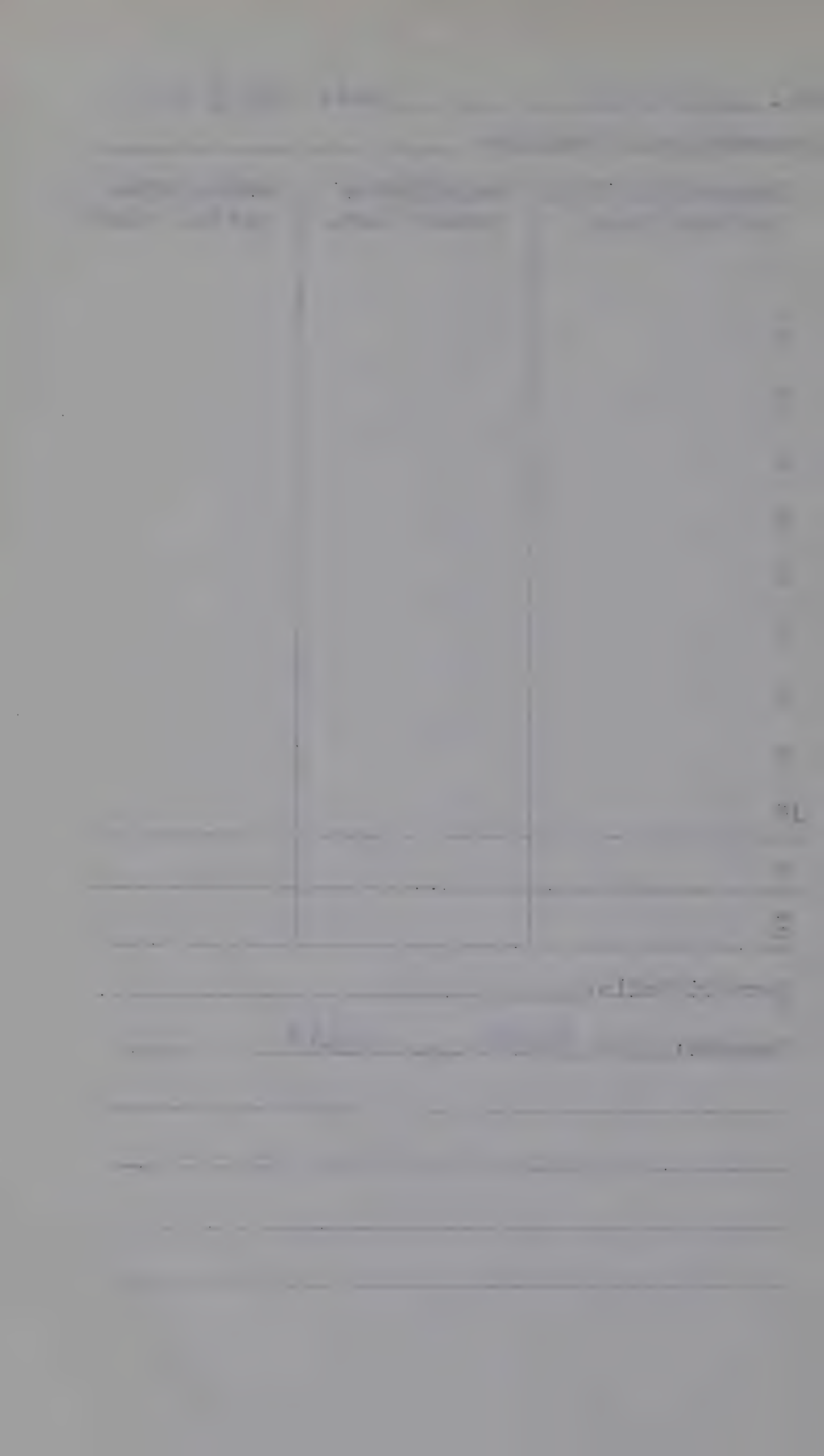
No. 15-353 Date VIII/60

Spermatogenic Condition _____

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: no tests on slide



No. 15-355 Date VIII/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 35 | 115.5 | |
| 2 | | | 37 | 122.1 | |
| 3 | | | 38 | 125.4 | |
| 4 | | | 32 | 105.6 | |
| 5 | | | 32 | 105.6 | |
| 6 | | | 31 | 102.3 | |
| 7 | | | 34 | 112.2 | |
| 8 | | | 28 | 92.4 | |
| 9 | | | 35 | 115.5 | |
| 10 | | | 35 | 115.5 | |
| T | | | | 1112.1 | |
| $\bar{x}$ | | 6.3 | | 111.2 | |

Sertoli Cells: Seen

Remarks:

No. 15-357 Date 1X/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 32. - 105.6 | |
| 2 | | 25 82.5 | |
| 3 | | 22 72.6 | |
| 4 | | 23 75.9 | |
| 5 | | 29 95.7 | |
| 6 | | 25 82.5 | |
| 7 | | 22 72.6 | |
| 8 | | 21 69.3 | |
| 9 | | 25 82.5 | |
| 10 | | 23 75.9 | |
| T | | 815.1 | |
| $\bar{x}$ | 6.3 | 81.5 | |

Sertoli Cells: seen

Remarks:

No. 15-358 Date IX/60

Spermatogenic Condition 8

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 3 6.3 | 26 - 85.8 | |
| 2 | 24 79.2 | |
| 3 | 25 82.5 | |
| 4 | 25 82.5 | |
| 5 | 24 79.2 | |
| 6 | 32 105.6 | |
| 7 | 30 99.0 | |
| 8 | 26 85.8 | |
| 9 | 25 82.5 | |
| 10 | 27 89.1 | |
| T | 871.2 | |
| $\bar{x}$ | 87.1 | |

Sertoli Cells: seen

Remarks:

No. 15-359 Date IX/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 36 - 118.8 | |
| 2 | | | 24 79.2 | |
| 3 | | | 25 82.5 | |
| 4 | | | 25 82.5 | |
| 5 | | | 22 72.6 | |
| 6 | | | 30 99.0 | |
| 7 | | | 24 79.2 | |
| 8 | | | 21 69.3 | |
| 9 | | | 27 89.1 | |
| 10 | | | 31 102.3 | |
| T | | | 874.5 | |
| $\bar{x}$ | | 6.3 | 87.4 | |

Sertoli Cells: Norm

Remarks:

No. 15-361 Date 18/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | 3 | 6.3 | 37 | 102.3 |
| 2 | | | 23 | 75.9 |
| 3 | | | 32 | 105.6 |
| 4 | | | 28 | 92.4 |
| 5 | | | 29 | 95.7 |
| 6 | | | 30 | 99.0 |
| 7 | | | 30 | 99.0 |
| 8 | | | 34 | 112.2 |
| 9 | | | 28 | 92.4 |
| 10 | | | 28 | 92.4 |
| T | | | 966.9 | |
| $\bar{x}$ | 6.3 | | 96.7 | |

Sertoli Cells: none

Remarks:

E = 13.2 μ

(1)

No. 15-364 Date 1X/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 29 95.7 | |
| 2 | | 30 99.0 | |
| 3 | | 29 95.7 | |
| 4 | | 32 105.6 | |
| 5 | | 28 92.4 | |
| 6 | | 30 99.0 | |
| 7 | | 26 85.8 | |
| 8 | | 35 115.5 | |
| 9 | | 30 99.0 | |
| 10 | | 26 85.8 | |
| T | | 973.5 | |
| $\bar{x}$ | 6.3 | 97.4 | |

Sertoli Cells: Lien

Remarks:

No. 15-366 Date 1X/60

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 38 125.4 | |
| 2 | | 31 102.3 | |
| 3 | | 43 141.9 | |
| 4 | | 36 118.8 | |
| 5 | | 36 118.8 | |
| 6 | | 28 92.4 | |
| 7 | | 30 99.0 | |
| 8 | | 31 102.3 | |
| 9 | | 29 95.7 | |
| 10 | | 25 82.5 | |
| T | | 1079.1 | |
| $\bar{x}$ | 6.3 | 107.9 | |

Sertoli Cells: 2cm

Remarks:

No. 15-368 Date 1x/60

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 25 - 82.5 | |
| 2 | | 29 95.7 | |
| 3 | | 28 92.4 | |
| 4 | | 22 72.6 | |
| 5 | | 23 75.9 | |
| 6 | | 28 92.4 | |
| 7 | | 25 82.5 | |
| 8 | | 39 128.7 | |
| 9 | | 31 102.3 | |
| 10 | | 25 82.5 | |
| T | | 907.5 | |
| $\bar{x}$ | | 90.8 | |

Sertoli Cells: seen

Remarks:

No. 15-369 Date 12/61

Spermatogenic Condition _____

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| | | μ. m. | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| $\bar{x}$ | | | |

Sertoli Cells: _____

Remarks: no testis on slide

No. 15-371 Date 10/61

Spermatogenic Condition 3

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 55 | 181.5 | 15 | 49.5 |
| 2 | | | 44 | 145.2 | 12 | 39.6 |
| 3 | | | 56 | 184.8 | 16 | 52.8 |
| 4 | | | 53 | 174.9 | 14 | 46.2 |
| 5 | | | 80 | 264.0 | 17 | 56.1 |
| 6 | | | 63 | 207.9 | 19 | 62.7 |
| 7 | | | 56 | 184.8 | 25 | 82.5 |
| 8 | | | 54 | 178.2 | 17 | 56.1 |
| 9 | | | 49 | 161.7 | 15 | 49.5 |
| 10 | | | 53 | 174.9 | 15 | 49.5 |
| T | | | | 1857.9 | | 514.5 |
| $\bar{x}$ | | 6.3 | | 185.8 | | 51.4 |

Sertoli Cells: seen

Remarks:

No. 15-373 Date 10/61

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous (2) tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | | 35 | 115.5 | |
| 2 | | 32 | 105.6 | |
| 3 | | 29 | 95.7 | |
| 4 | | 31 | 102.3 | |
| 5 | | 39 | 128.7 | |
| 6 | | 28 | 92.4 | |
| 7 | | 41 | 135.3 | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| T | | | 775.5 | |
| $\bar{x}$ | | | 110.8 | |

Sertoli Cells: Rein

Remarks:

No. 15-374 Date 10/61

Spermatogenic Condition O

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|
| 1 | | 23 | 75.9 | |
| 2 | | 22 | 72.6 | |
| 3 | | 18 | 59.4 | |
| 4 | | 18 | 59.4 | |
| 5 | | 18 | 59.4 | |
| 6 | | 22 | 72.6 | |
| 7 | | 19 | 62.7 | |
| 8 | | 19 | 62.7 | |
| 9 | | 23 | 75.9 | |
| 10 | | 26 | 85.8 | |
| T | | 686.4 | | |
| $\bar{x}$ | | 68.6 | | |

Sertoli Cells: seen

Remarks: Good nucleate structures centrally located in many tubules

No. 15-376 Date 14/61

Spermatogenic Condition 8

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | | Seminiferous epith. height |
|---|---|---|---|
| 1 | 25 | 82.5 | |
| 2 | 27 | 89.1 | |
| 3 | 24 | 79.2 | |
| 4 | 21 | 69.3 | |
| 5 | 26 | 85.8 | |
| 6 | 34 | 112.2 | |
| 7 | 21 | 69.3 | |
| 8 | 24 | 79.2 | |
| 9 | 24 | 79.2 | |
| 10 | 24 | 79.2 | |
| T | | 825.0 | |
| $\bar{x}$ | | 82.5 | |

Sertoli Cells: seen

Remarks: looks like an August animal

No. 15-378 Date 11/61

Spermatogenic Condition 8

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 19 62.7 | |
| 2 | | 25 82.5 | |
| 3 | | 28 92.4 | |
| 4 | | 23 75.9 | |
| 5 | | 25 82.5 | |
| 6 | | 20 66.0 | |
| 7 | | 21 69.3 | |
| 8 | | 23 75.9 | |
| 9 | | 24 85.5 | |
| 10 | | 25 82.5 | |
| T | | 775.5 | |
| $\bar{x}$ | 6.3 | 77.6 | |

Sertoli Cells: seen

Remarks:

No. 15-379 Date 14/61

Spermatogenic Condition 0

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 23 - 75.9 | |
| 2 | | 27 39.1 | |
| 3 | | 23 75.9 | |
| 4 | | 25 82.5 | |
| 5 | | 30 99.0 | |
| 6 | | 20 66.0 | |
| 7 | | 23 75.9 | |
| 8 | | 21 69.3 | |
| 9 | | 19 62.7 | |
| 10 | | 23 75.9 | |
| T | | 772.2 | |
| $\bar{x}$ | | 77.2 | |

Sertoli Cells: seen

Remarks:

No. 15-383 Date 10/61

Spermatogenic Condition 8

| Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|
| 1 | 24 - 79.2 | |
| 2 | 22 72.6 | |
| 3 | 18 59.4 | |
| 4 | 27 89.1 | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| T | 300.3 | |
| $\bar{x}$ | 75.1 | |

Sertoli Cells: seen

Remarks: ~~tissue~~ cells in disordered condition, tissue looks abnormal

No. 15-388 Date 10/61

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 45 - 148.5 | 19 - 62.7 |
| 2 | | 48 158.4 | 15 - 49.5 |
| 3 | | 57 188.1 | 16 52.8 |
| 4 | | 48 158.4 | 12 39.6 |
| 5 | | 33 108.9 | 11 36.3 |
| 6 | | 39 128.7 | 14 46.2 |
| 7 | | 43 141.9 | 14 46.2 |
| 8 | | 38 125.4 | 15 - 49.5 |
| 9 | | 43 141.9 | 14 46.2 |
| 10 | | 45 - 148.5 | 15 - 49.5 |
| T | | 1448.7 | 478.5 |
| $\bar{x}$ | | 144.9 | 47.5 |

Sertoli Cells: ~~ccm~~

Remarks:

No. 15-390 Date 11/6/61

Spermatogenic Condition 5

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | 22 - 72.6 | |
| 2 | | 23 75.9 | |
| 3 | | 21 69.3 | |
| 4 | | 20 66.0 | |
| 5 | | 20 66.0 | |
| 6 | | 21 69.3 | |
| 7 | | 22 72.6 | |
| 8 | | 22 72.6 | |
| 9 | | 19 62.7 | |
| 10 | | 17 56.1 | |
| T | | 683.1 | |
| $\bar{x}$ | | 68.3 | |

Sertoli Cells: Dem

Remarks:

No. 15-391 Date 10/61

Spermatogenic Condition (2) 5

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 5 [illegible] - 171.6 | 10 - 33.0 |
| 2 | | 45 148.5 | 10 33.0 |
| 3 | | 46 151.8 | 13 42.9 |
| 4 | | 61 201.3 | 20 66.0 |
| 5 | | 39 128.7 | 17 56.1 |
| 6 | | 47 155.1 | 15 49.5 |
| 7 | | 67 221.1 | 14 46.2 |
| 8 | | 48 158.4 | 16 52.8 |
| 9 | | 52 171.6 | 17 56.1 |
| 10 | | 47 155.1 | 12 39.6 |
| T | | 1663.2 | 475.2 |
| $\bar{x}$ | 6.3 | 166.3 | 47.5 |

Sertoli Cells: seen

Remarks:

No. 15-392 Date 16/61

Spermatogenic Condition (2) 5

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 47 - 155.1 | 9 - 29.7 |
| 2 | | 44 145.2 | 16 52.8 |
| 3 | | 50 165.0 | 15 49.5 |
| 4 | | 44 145.2 | 10 33.0 |
| 5 | | 51 168.3 | 15 49.5 |
| 6 | | 45 148.5 | 17 56.1 |
| 7 | | 40 132.0 | 16 52.8 |
| 8 | | 46 151.8 | 12 39.6 |
| 9 | | 43 141.9 | 18 59.4 |
| 10 | | 42 138.6 | 11 36.3 |
| T | | 1491.6 | 458.7 |
| $\bar{x}$ | 6.3 | 149.2 | 45.9 |

Sertoli Cells: ~~Nil~~

Remarks:

No. 15-393 Date 10/61

Spermatogenic Condition 4

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 63 - 201.9 | 15 - 49.5 |
| 2 | | 37 128.7 | 15 49.5 |
| 3 | | 48 158.4 | 15 49.5 |
| 4 | | 42 138.6 | 15 49.5 |
| 5 | | 46 151.8 | 15 49.5 |
| 6 | | 48 158.4 | 20 66.0 |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | 943.8 | 313.5 |
| $\bar{x}$ | 6.3 | 157.3 | 52.2 |

Sertoli Cells: scarce

Remarks: most tubules w/o lumen

No. 15-394 Date 1/61

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. (2) | Seminiferous epith. height |
|---|---|---|---|
| 1 | 3 6.3 | 46 - 151.8 | 7 - 23.1 |
| | | 54 178.2 | 15 49.5 |
| 2 | | | |
| | | 53 174.9 | 16 52.8 |
| 3 | | | |
| | | 69 227.7 | 16 52.8 |
| 4 | | | |
| | | 57 194.7 | 16 52.8 |
| 5 | | | |
| | | 57 188.1 | 15 49.5 |
| 6 | | | |
| | | 50 165.0 | 12 39.6 |
| 7 | | | |
| | | 50 165.0 | 15 49.5 |
| 8 | | | |
| | | 60 198.0 | 20 66.0 |
| 9 | | | |
| | | 63 207.9 | 21 69.3 |
| 10 | | | |
| T | | 1851.3 | 504.9 |
| $\bar{x}$ | 6 3 | 185.1 | 50.5 |

Sertoli Cells: not seen

Remarks:

E = 24.4 μ (2)

No. 15-395 Date 1/61

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (2) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 58 | 165.0 | 16 | 52.8 |
| 2 | | | 47 | 155.1 | 18 | 59.4 |
| 3 | | | 47 | 155.1 | 14 | 46.2 |
| 4 | | | 52 | 171.6 | 15 | 49.5 |
| 5 | | | 51 | 168.3 | 10 | 33.0 |
| 6 | | | 51 | 168.3 | 16 | 52.8 |
| 7 | | | 55 | 181.5 | 15 | 49.5 |
| 8 | | | 53 | 174.9 | 17 | 56.1 |
| 9 | | | 63 | 207.9 | 17 | 56.1 |
| 10 | | | 62 | 204.6 | 23 | 75.9 |
| T | | | | 1752.3 | | 531.3 |
| $\bar{x}$ | | 6.3 | | 175.2 | | 53.1 |

Sertoli Cells: not seen

Remarks:

E = 330 μ (2)

No. 15-396 Date 6/61

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. (1) | | Seminiferous epith. height | |
|---|---|---|---|---|---|---|
| 1 | 3 | 6.3 | 34 | 112.2 | 11 | 36.3 |
| 2 | | | 46 | 151.8 | 17 | 56.1 |
| 3 | | | 40 | 132.0 | 10 | 33.0 |
| 4 | | | 65 | 214.5 | 20 | 66.0 |
| 5 | | | 54 | 178.2 | 15 | 49.5 |
| 6 | | | 45 | 148.5 | 14 | 46.2 |
| 7 | | | 45 | 148.5 | 10 | 33.0 |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| T | | | 1085.7 | | 320.1 | |
| $\bar{x}$ | | 6.3 | 155.1 | | 45.7 | |

Sertoli Cells: not seen

Remarks:

No. 15-398 Date 4/61

Spermatogenic Condition 6

| | Interstitial Cell nuclear diam. | | Seminiferous tubule diam. | | Seminiferous epith. height |
|---|---|---|---|---|---|
| 1 | 2 | 4.2 | 57 | 188.1 | 10 - 33.0 |
| 2 | 2 | 4.2 | 54 | 178.2 | 12 39.6 |
| 3 | | | 59 | 194.7 | 16 52.8 |
| 4 | | | 52 | 171.6 | 21 69.3 |
| 5 | | | 62 | 204.6 | 21 69.3 |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| T | | | 937.2 | | 269.0 |
| $\bar{x}$ | | 4.2 | 187.4 | | 52.8 |

Sertoli Cells: not seen

Remarks:

Spermatogenic Condition _____

| | Interstitial Cell nuclear diam. | Seminiferous tubule diam. | Seminiferous epith. height |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| T | | | |
| X | | | |

Sertoli Cells: _____

Remarks: _____

VERNON
ROYAL
LINE